

SONY

VIDEOCASSETTE RECORDER

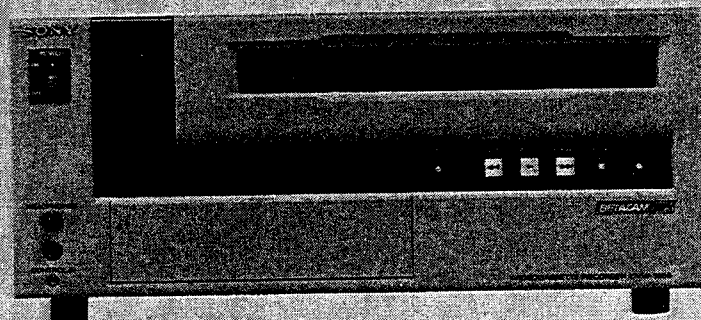
UVW-1800

VIDEOCASSETTE PLAYER

UVW-1600

SERVICE MANUAL

Vol.2 1st Edition



BETACAM SP

For customers in the USA

WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: Using this unit at a voltage other than 120 V may require the use of a different line cord or attachment plug, or both.
To reduce the risk of fire or electric shock, refer servicing to qualified service personnel.

For customers in Canada

This apparatus complies with the Class A limits for radio noise emissions set out in Radio Interference Regulations.

Pour les utilisateurs au Canada

Cet appareil est conforme aux normes Classe A pour bruits radioélectriques, spécifiées dans le Règlement sur le brouillage radioélectrique.

このマニュアルに記載されている事柄の著作権は当社にあり、説明内容は機器購入者の使用を目的としています。従って、当社の許可なしに無断で複製したり、説明内容(操作、保守等)と異なる目的で本マニュアルを使用することを禁止します。

The material contained in this manual consists of information that is the property of Sony Corporation and is intended solely for use by the purchasers of the equipment described in this manual.

Sony Corporation expressly prohibits the duplication of any portion of this manual or the use thereof for any purpose other than the operation or maintenance of the equipment described in this manual without the express written permission of Sony Corporation.

Le matériel contenu dans ce manuel consiste en informations qui sont la propriété de Sony Corporation et sont destinées exclusivement à l'usage des acquéreurs de l'équipement décrit dans ce manuel.

Sony Corporation interdit formellement la copie de quelque partie que ce soit de ce manuel ou son emploi pour tout autre but que des opérations ou entretiens de l'équipement à moins d'une permission écrite de Sony Corporation.

Das in dieser Anleitung enthaltene Material besteht aus Informationen, die Eigentum der Sony Corporation sind, und ausschließlich zum Gebrauch durch den Käufer der in dieser Anleitung beschriebenen Ausrüstung bestimmt sind.

Die Sony Corporation untersagt ausdrücklich die Vervielfältigung jeglicher Teile dieser Anleitung oder den Gebrauch derselben für irgendeinen anderen Zweck als die Bedienung oder Wartung der in dieser Anleitung beschriebenen Ausrüstung ohne ausdrückliche schriftliche Erlaubnis der Sony Corporation.

このマニュアルについて

本書は、カセットレコーダ UVW-1800 およびカセットプレーヤー UVW-1600 のサービスマニュアル VOL. 2 です。
本書では、ブロックダイアグラム、マウント図、回路図、パーツリストを記載しています。

構成

本書の構成を把握していただくために、全章の概略を以下に説明します。

- 第14章 BLOCK DIAGRAMS
- 第15章 BOARD LAYOUTS
- 第16章 SCHEMATIC DIAGRAMS
- 第17章 SEMICONDUCTOR PIN ASSIGNMENTS
- 第18章 SPARE PARTS AND OPTIONAL FIXTURES

Introducing this manual

This manual is the Service Manual Vol. 2 of the video cassette recorder model UVW-1800 and the video cassette player model UVW-1600.
This manual contains block diagrams, board layouts, schematic diagrams, parts lists.

Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

- Section 14 BLOCK DIAGRAMS
- Section 15 BOARD LAYOUTS
- Section 16 SCHEMATIC DIAGRAMS
- Section 17 SEMICONDUCTOR PIN ASSIGNMENTS
- Section 18 SPARE PARTS AND OPTIONAL FIXTURES

関連マニュアル

本機には、この「サービスマニュアル VOL. 2」の他に、下記のマニュアルが用意されています。

- **オペレーションマニュアル (本機に付属しています)**

本機を実際に運用および操作するのに必要な情報を記載しています。

- **インストレーションマニュアル (本機に付属していません)**

本機の設置時に必要なラックマウント、周辺機器との接続の際のコネクター情報等を記載しています。

- **サービスマニュアル vol.1 (本機に付属していません)**

本機の保守に関する情報と、部品交換および調整などのサービスに関する情報を記載しています。

Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- **Operation Manual (Supplied with equipment)**

Explains how to operate this equipment.

- **Installation Manual (Not supplied with equipment)**

Contains rack mount information necessary for installation of the equipment, the connector information necessary for connecting the unit with peripherals and others.

- **Service Manual Vol. 1 (Not supplied with equipment)**

Contains the maintenance information and servicing information necessary for parts replacement and adjustment.

目次 TABLE OF CONTENTS

Volume 1

- 1. OPERATING INSTRUCTION**
- 2. INSTALLATION**
- 3. SERVICE OVERVIEW**
- 4. MAINTENANCE MENU**
- 5. PERIODIC MAINTENANCE AND INSPECTION**
- 6. REPLACEMENT OF MECHANICAL PARTS**
- 7. TAPE PATH ALIGNMENT**
- 8. ELECTRICAL ALIGNMENT OVERVIEW**
- 9. POWER SUPPLY AND SYSTEM CONTROL
ALIGNMENT**
- 10. SERVO ALIGNMENT**
- 11. AUDIO/TIMECODE ALIGNMENT**
- 12. VIDEO ALIGNMENT**
- 13. ELECTRICAL ALIGNMENT AFTER
REPLACEMENT BOARDS**

14. BLOCK DIAGRAMS

| | |
|--------------------------------------------|-------|
| Overall (1/2) | 14-1 |
| Overall (2/2) | 14-2 |
| Y/C Rec Process (Decode, Mod.), CTDM | 14-4 |
| RF REC/PB Amplifier, Rotary | 14-6 |
| Erase Oscillator | 14-8 |
| PB RF EQ, Demodulator | 14-10 |
| Encode, Output Driver | 14-12 |
| Time Base Corrector, CTDM (Expand) | 14-14 |
| Time Base Corrector | 14-17 |
| Audio PB, In/Out, LTC PB | 14-18 |
| LTC Erase/Bias Osc, Mode Control, | 14-20 |
| LTC REC, Crosstalk Cancel | 14-22 |
| System Control | 14-23 |
| Servo (1) | |
| Servo (2) | |

15. BOARD LAYOUTS

| | |
|-----------------|-------|
| AP-31 | 15-4 |
| AP-31A | 15-6 |
| AR-14 | 15-8 |
| CP-225 | 15-10 |
| CP-225A | 15-12 |
| CP-226 | 15-14 |
| CP-226J | |
| CP-226A | |
| CP-226AJ | |
| CP-237 | 15-16 |
| CP-237A | |
| DR-214 | 15-18 |
| KY-249 | 15-20 |
| KY-249A | 15-22 |
| MS-39 | 15-24 |
| MS-39A | |
| RP-70 | 15-26 |
| RP-70A | 15-28 |
| SS-53 | 15-30 |
| TBC-25 | 15-34 |
| VP-43 | 15-38 |
| VP-43A | |
| VRA-5 | 15-42 |
| FRAME (1) | 15-46 |
| CL-25 | |
| HP-61 | |
| HP-61A | |
| PC-62 | |
| PD-35 | |
| FRAME (2) | 15-48 |
| PTC-66 | |
| PTC-67 | |
| PTC-68 | |
| RM-126 | |
| RM-127 | |
| SE-207 | |
| TR-84 | |
| VR-155 | |

| | |
|-------------------|-------|
| SOPS-1045AC | 15-50 |
| SOPS-1045M | |
| MB-470 | 15-52 |
| MB-470A | 15-56 |
| MB-471 | 15-60 |
| MB-471A | 15-62 |

16. SCHEMATIC DIAGRAMS

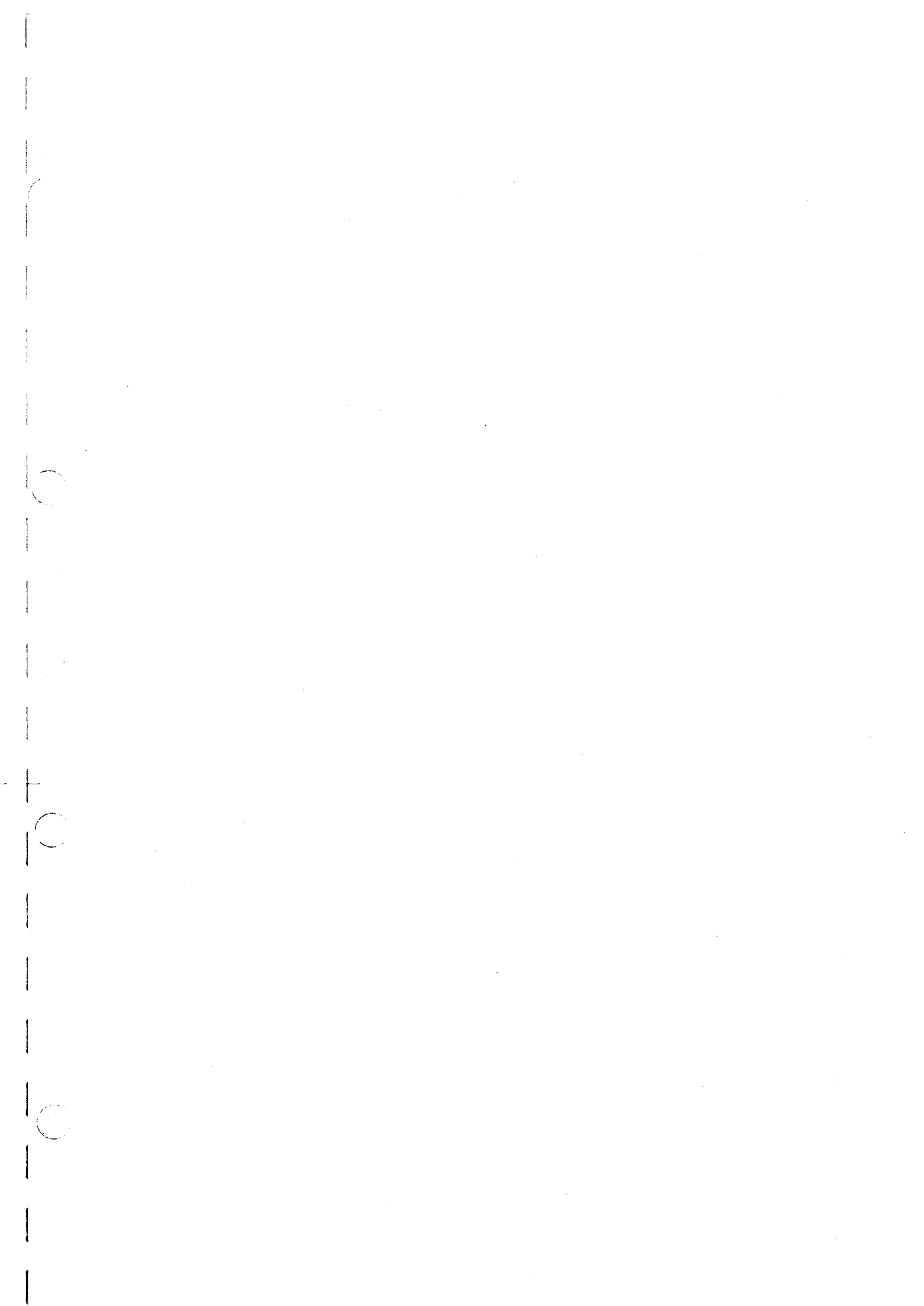
| | |
|----------------------|--------|
| AP-31 (1/3) | 16-4 |
| AP-31 (2/3) | 16-8 |
| AP-31 (3/3) | 16-12 |
| AP-31A (1/3) | 16-16 |
| AP-31A (2/3) | 16-20 |
| AP-31A (3/3) | 16-24 |
| AR-14 (1/4) | 16-28 |
| AR-14 (2/4) | 16-32 |
| AR-14 (3/4) | 16-36 |
| AR-14 (4/4) | 16-40 |
| CP-225/A | 16-43 |
| CP-226/A | 16-45 |
| DR-214 (1/2) | 16-48 |
| DR-214 (2/2) | 16-52 |
| KY-249 | 16-56 |
| KY-249A | 16-60 |
| MS-39/A | 16-64 |
| RP-70/A (1/2) | 16-68 |
| RP-70/A (2/2) | 16-72 |
| SS-53 (1/4) | 16-76 |
| SS-53 (2/4) | 16-80 |
| SS-53 (3/4) | 16-84 |
| SS-53 (4/4) | 16-88 |
| TBC-25 (1/4) | 16-92 |
| TBC-25 (2/4) | 16-96 |
| TBC-25 (3/4) | 16-100 |
| TBC-25 (4/4) | 16-104 |
| VP-43/A (1/7) | 16-108 |
| VP-43/A (2/7) | 16-112 |
| VP-43/A (3/7) | 16-116 |
| VP-43/A (4/7) | 16-120 |
| VP-43/A (5/7) | 16-124 |
| VP-43/A (6/7) | 16-128 |
| VP-43/A (7/7) | 16-132 |
| VRA-5 (1/4) | 16-136 |
| VRA-5 (2/4) | 16-140 |
| VRA-5 (3/4) | 16-144 |
| VRA-5 (4/4) | 16-148 |
| SOPS-1045AC | 16-151 |
| SOPS-1045M | |
| MB-470/A (1/4) | 16-153 |
| MB-470/A (2/4) | 16-155 |
| MB-470/A (3/4) | 16-157 |
| MB-470/A (4/4) | 16-159 |
| MB-471/A (1/2) | 16-161 |
| MB-471/A (2/2) | 16-163 |

| | |
|-------------|--------|
| FRAME (1/2) | 16-165 |
| CL-25 | |
| DUS-355 | |
| PD-35 | |
| PTC-66 | |
| PTC-67 | |
| PTC-68 | |
| RM-126 | |
| RM-127 | |
| SE-207 | |
| TR-84 | |
| FRAME (2/2) | 16-167 |
| CP-237 | |
| CP-237A | |
| HP-61 | |
| HP-61A | |
| VR-155 | |

17. SEMICONDUCTOR PIN ASSIGNMENTS

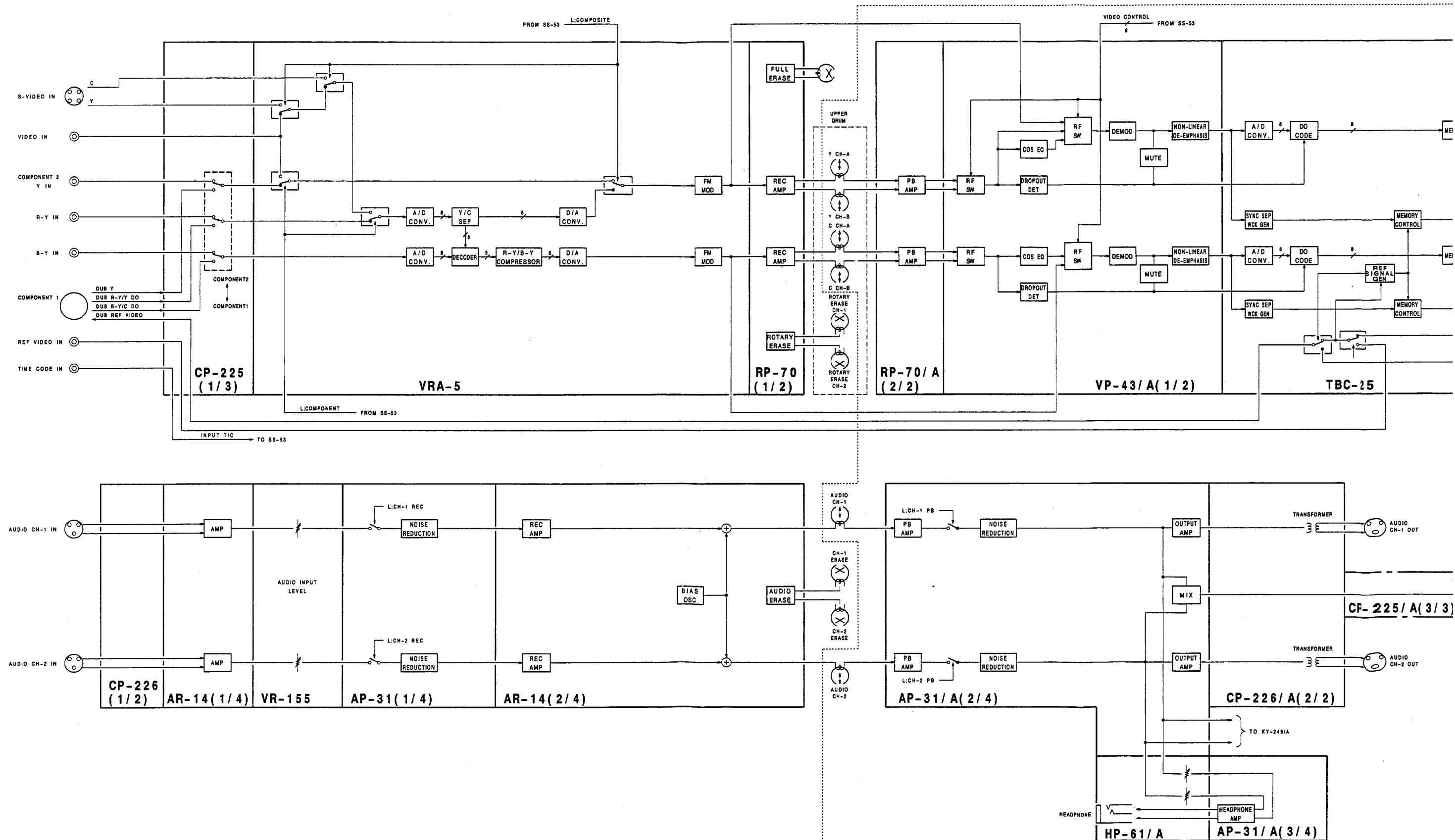
18. SPARE PARTS AND OPTIONAL FIXTURES

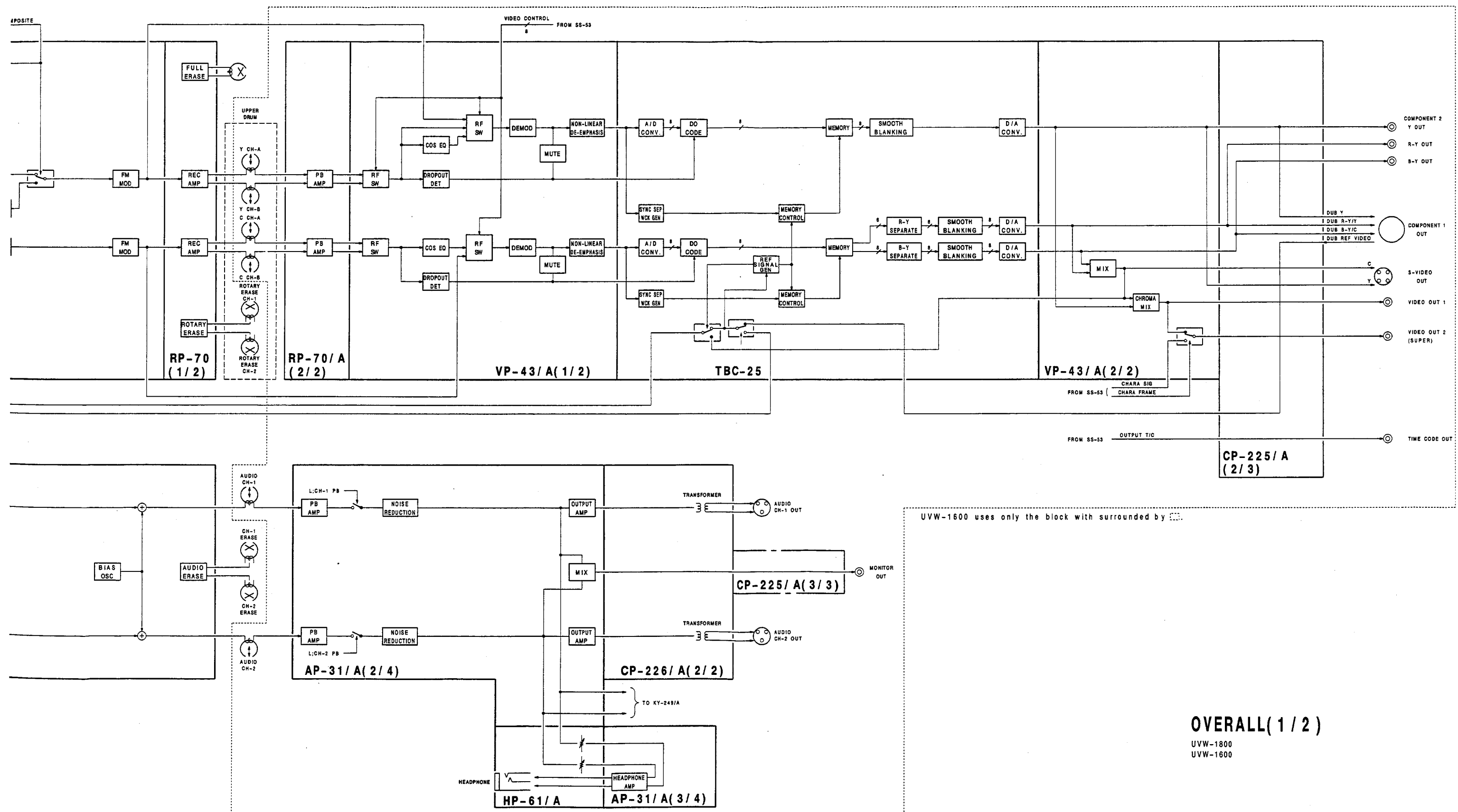
| | |
|---------------------------------------|--------|
| 18-1. Notes on Spare Parts | 18-1 |
| 18-2. Exploded Views | 18-2 |
| Reel Chassis (1) | 18-4 |
| Loading Ring | 18-6 |
| Reel Chassis (2) | 18-8 |
| Drum & Tension Regulator Assembly | 18-10 |
| DR-214 Board Assembly | 18-12 |
| Press Assy, Pinch | 18-14 |
| Cassette Compartment Assembly | 18-16 |
| Chassis & Ornamental Panel Block | 18-18 |
| Card Rack Block (1) | 18-20 |
| Card Rack Block (2) | 18-22 |
| Chassis Block | 18-24 |
| Connector Panel Block | 18-26 |
| 18-3. Electrical Parts Lists | 18-29 |
| 18-4. Packing Materials & Accessories | 18-103 |
| 18-5. Optional Fixtures | 18-103 |



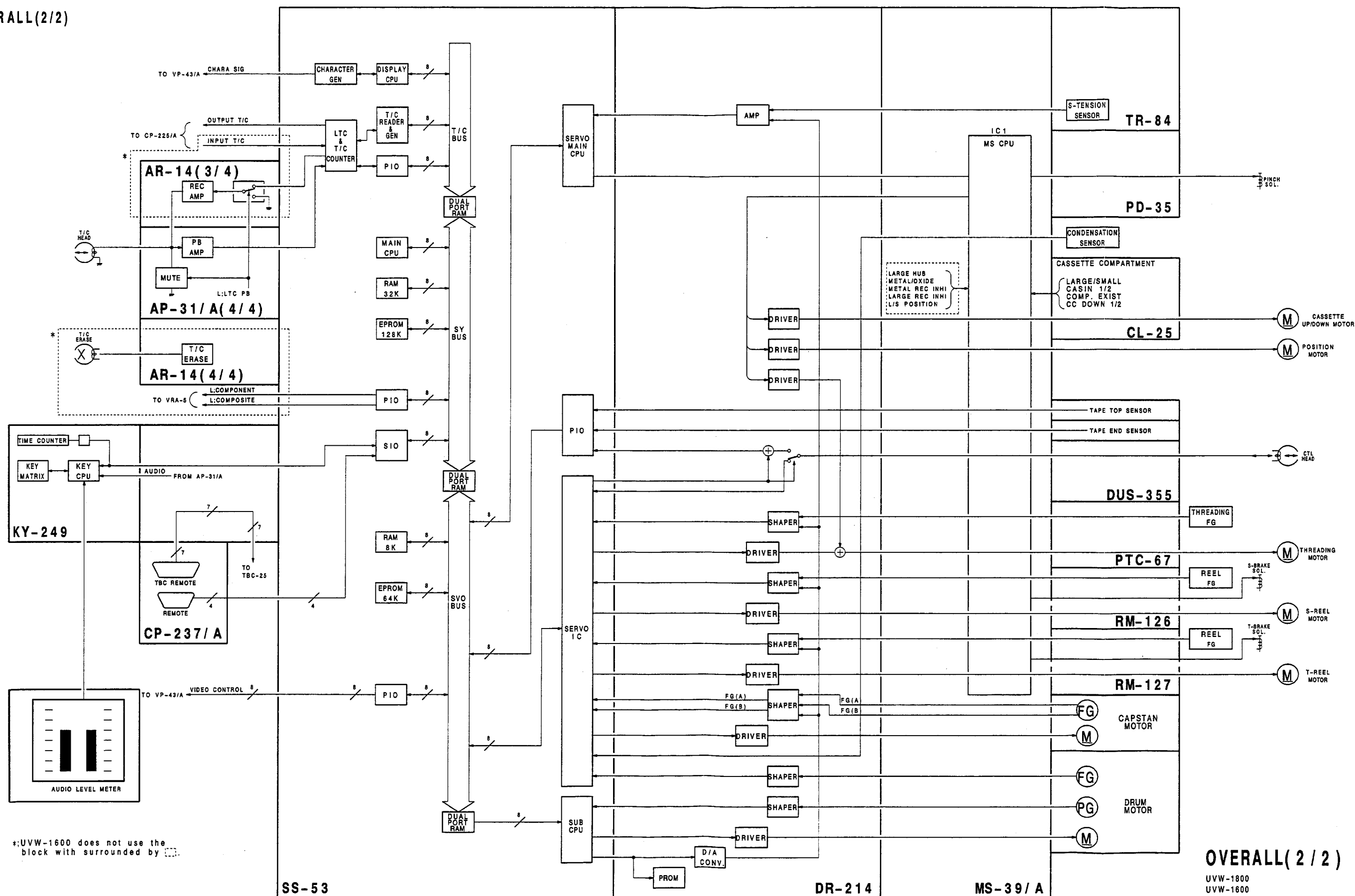
SECTION 14
BLOCK DIAGRAMS

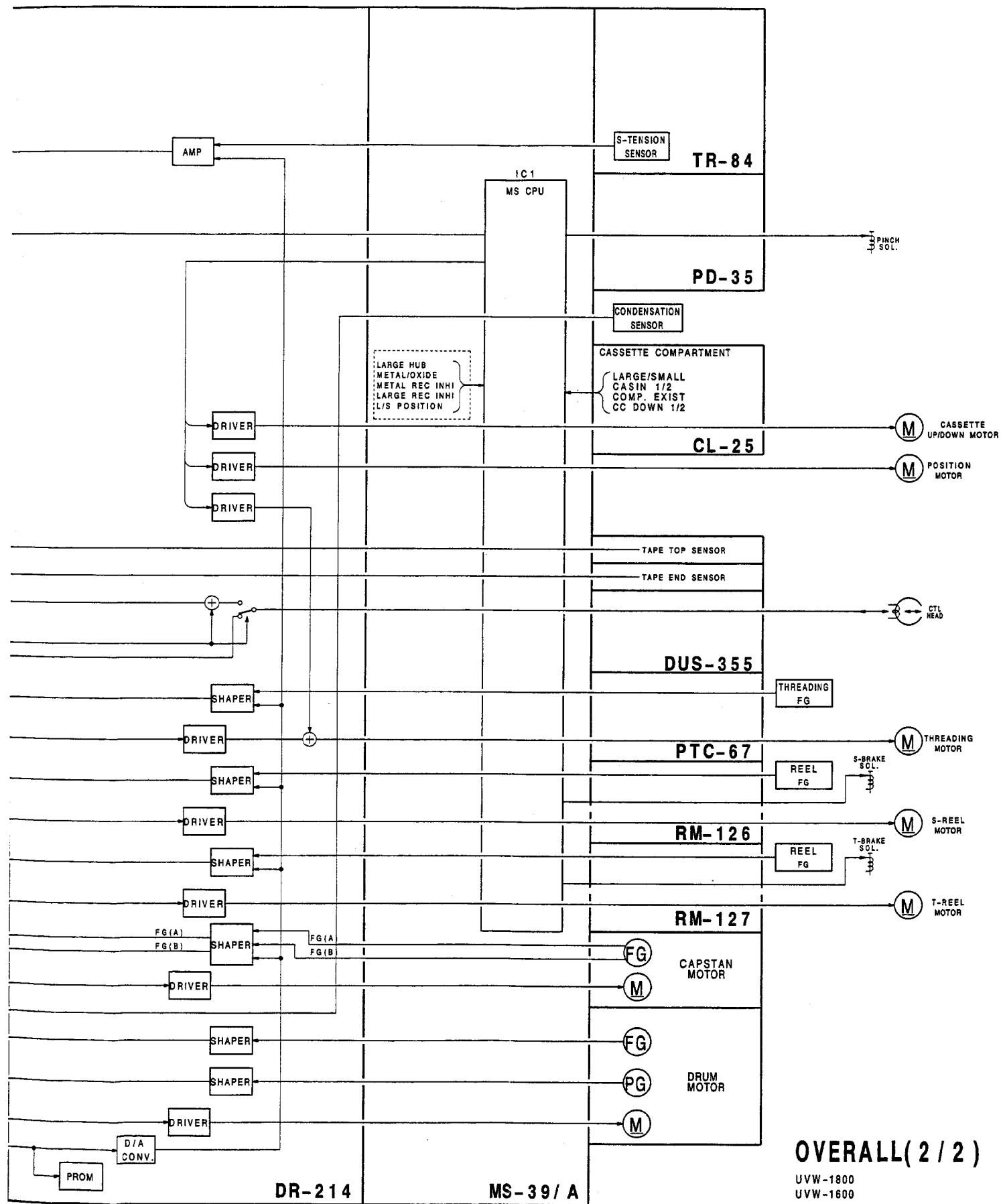
OVERALL (1/2)





OVERALL(2/2)

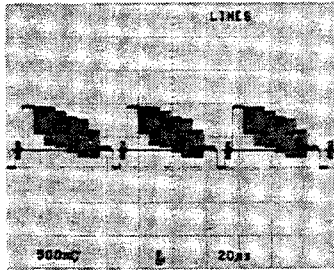




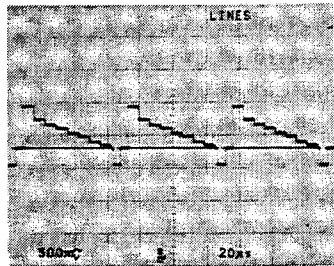
OVERALL(2 / 2)

UVW-1800
UVW-1600

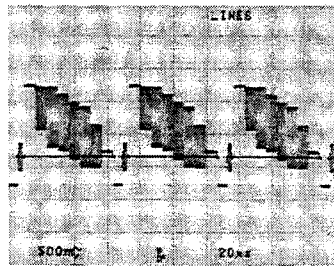
① TP101 REC/EE
(COMPOSITE)



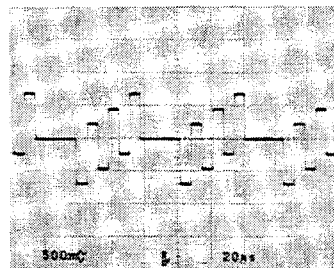
① TP101 REC/EE
(COMPONENT)



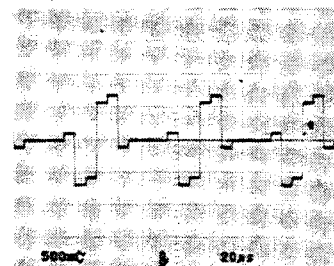
② TP201 REC/EE
(COMPOSITE)



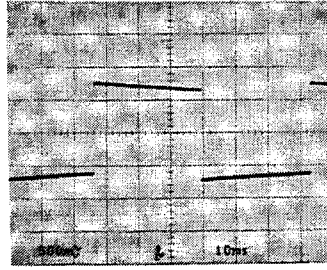
② TP201 REC/EE
(COMPONENT)



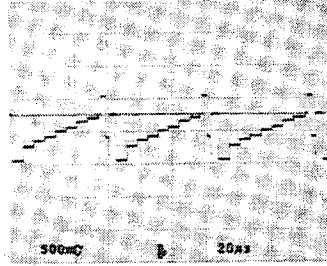
③ TP202 REC/EE
(COMPONENT)



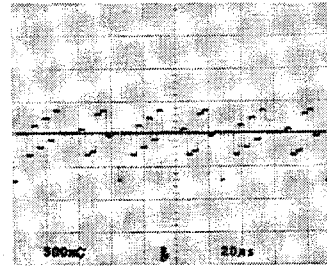
④ TP305 REC/EE



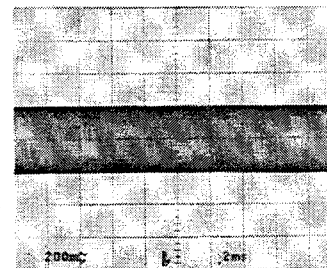
⑤ TP502 REC/EE



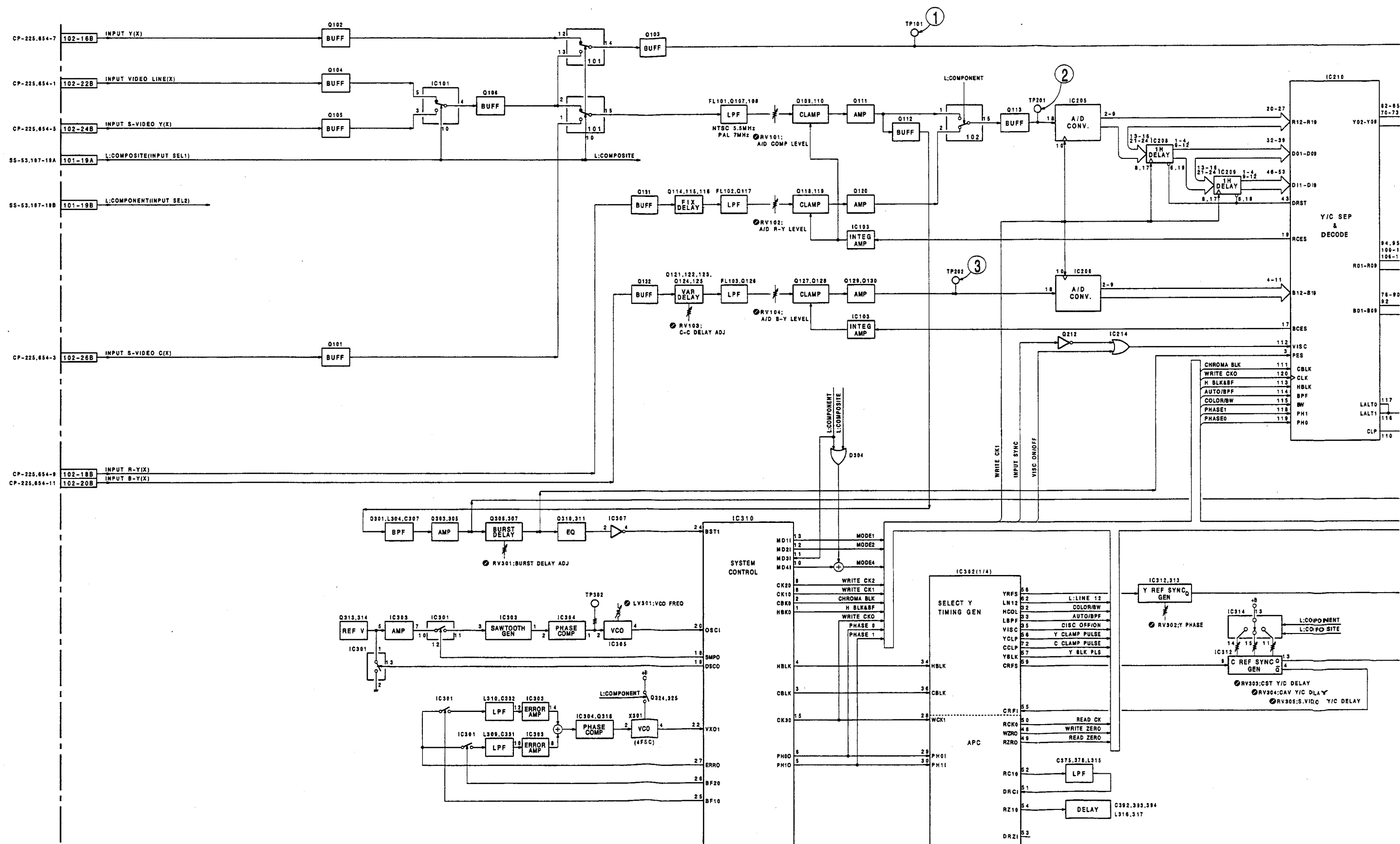
⑥ TP602 REC/EE

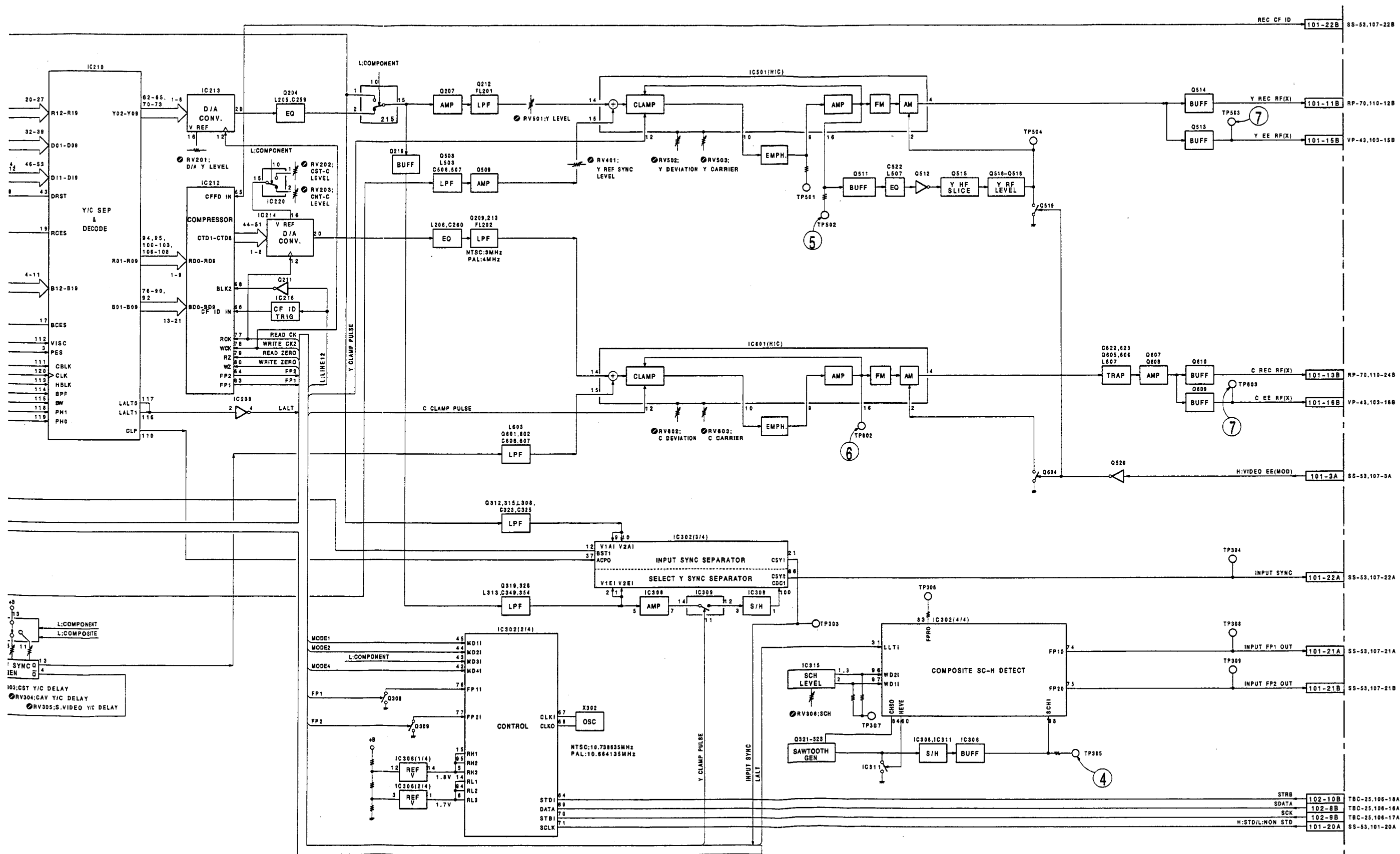


⑦ TP503 REC/EE
TP603 REC/EE

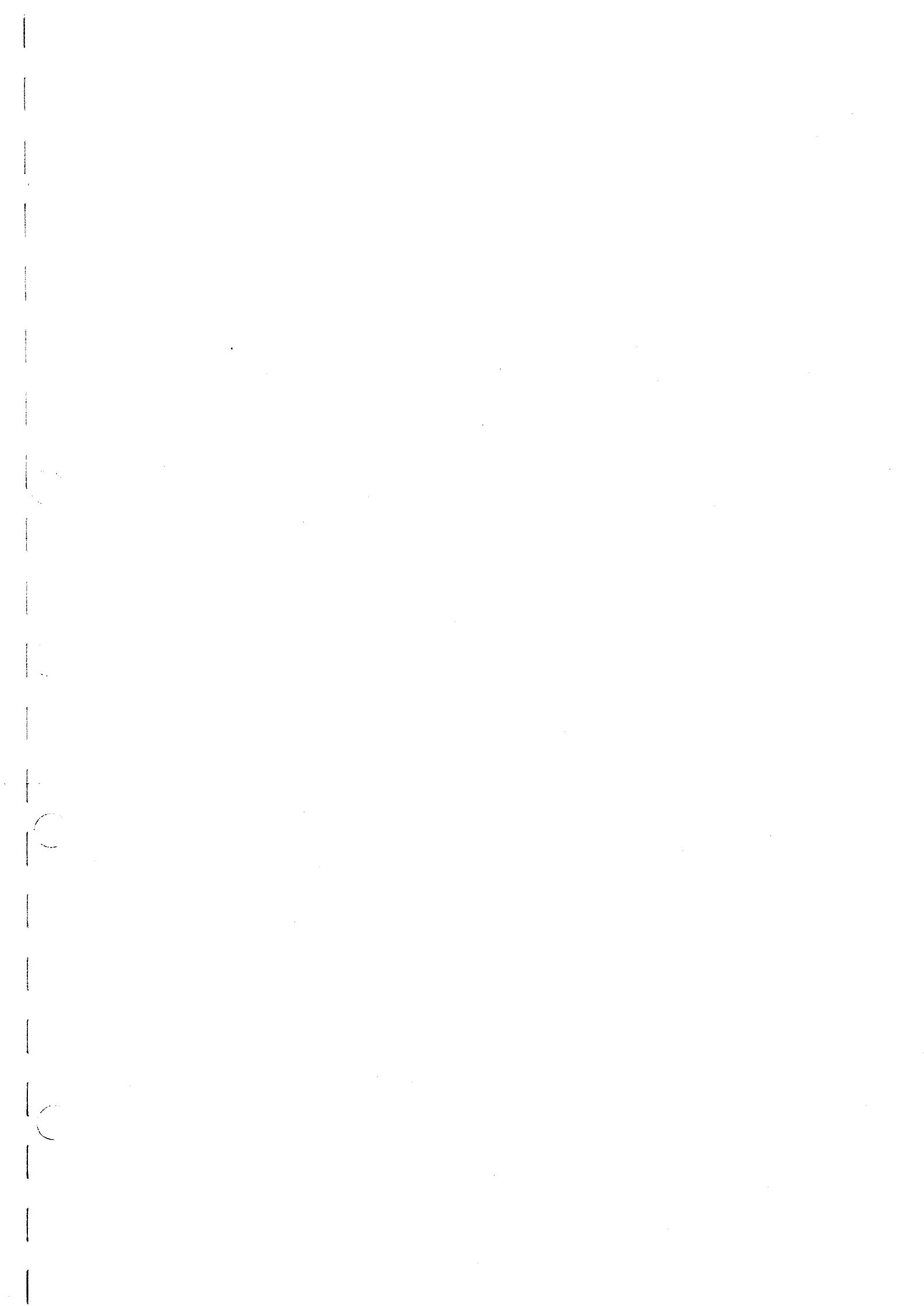


Y/C REC PROCESS(DECODE,MOD.),CTDM

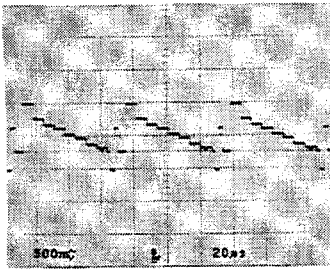




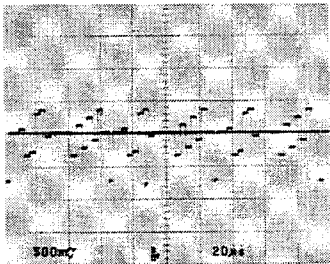
RF RF



① TP201 PB

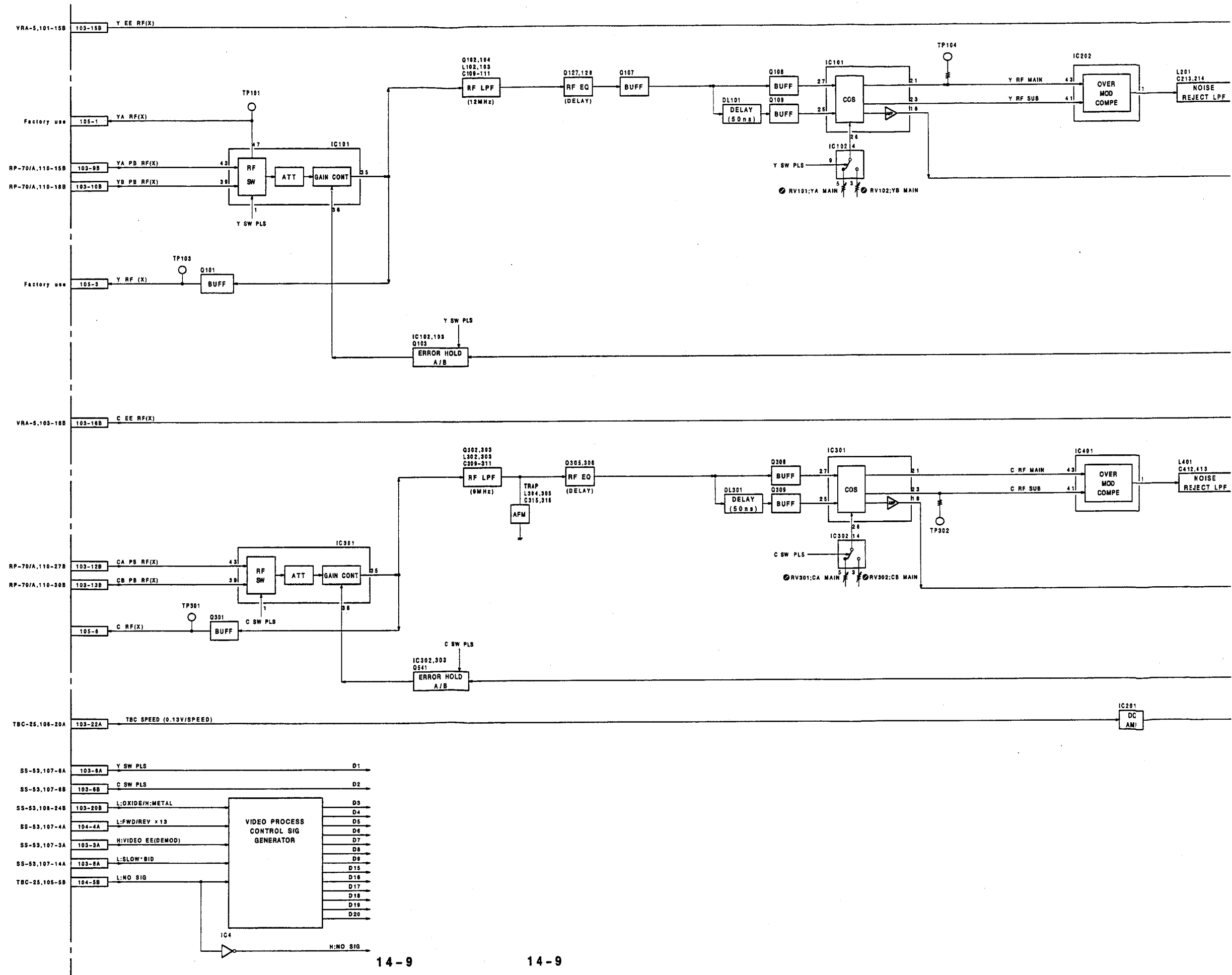


② TP401 PB

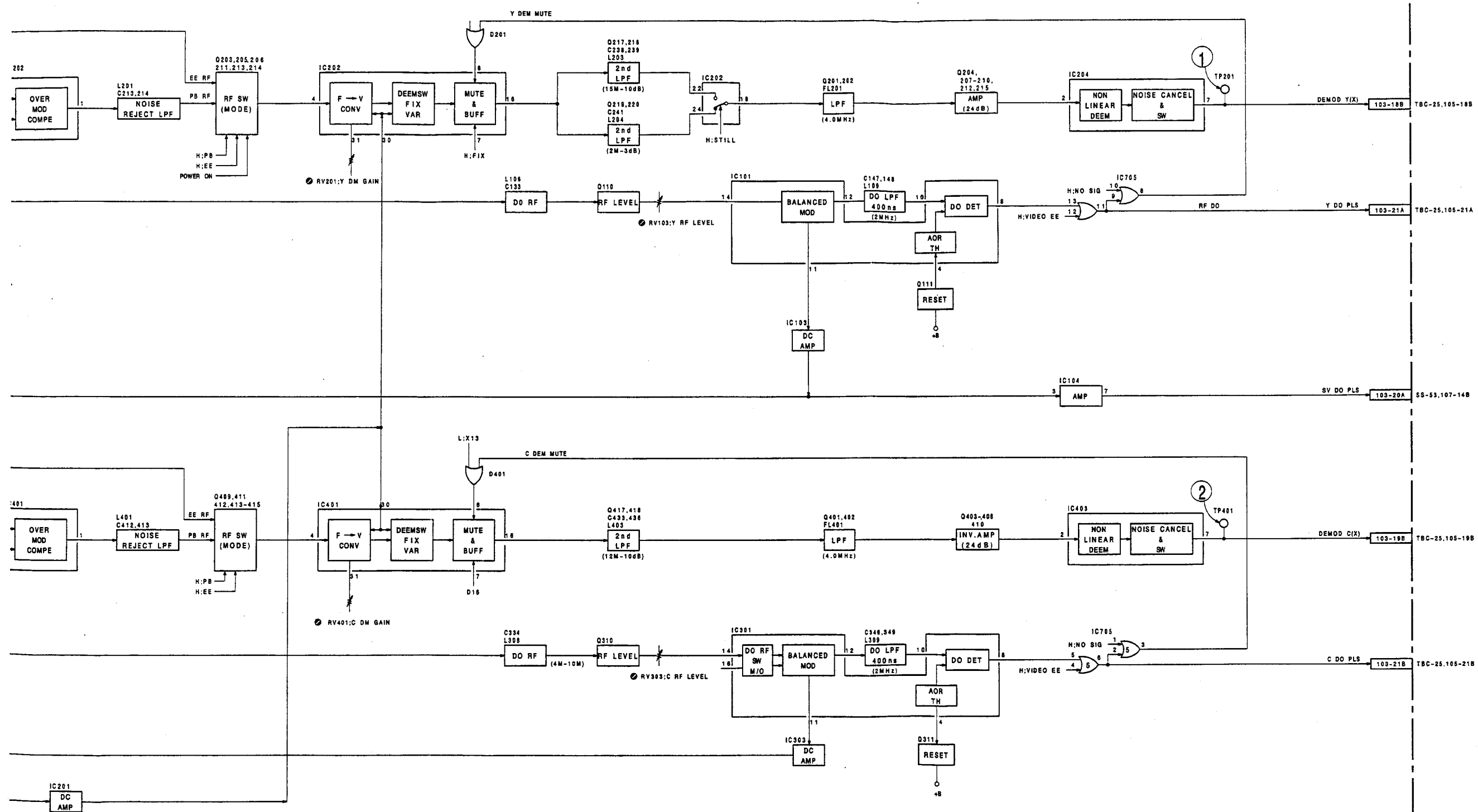


PB RF EQ, DEMODULATOR

PB RF EQ, DEMOD. DEMOD., PB RF EQ



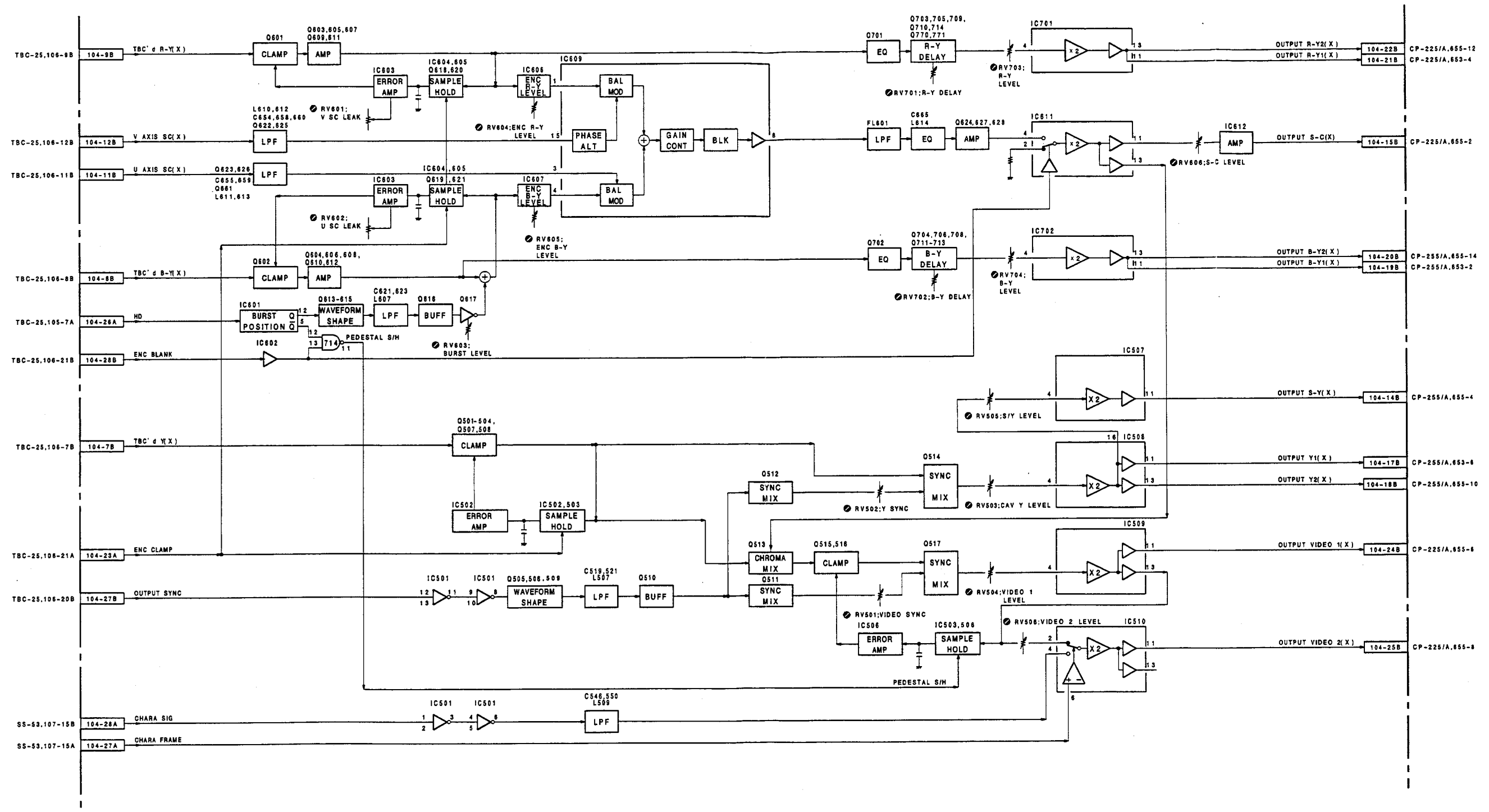
PB RF EQ, DEMOD. DEMOD., PB RF EQ



VP-43/A(1/2)

UVW-1800
UVW-1600

ENCODE,OUTPUT DRIVER

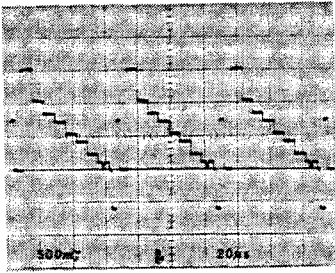


VP-43/A(2/2)

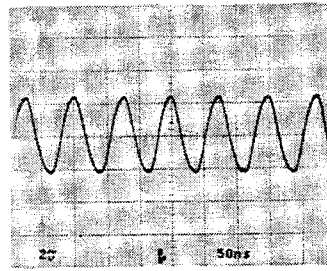
UVW-1800
UVW-1600

ENCODE,OUTPUT OUTPUT,ENCODE

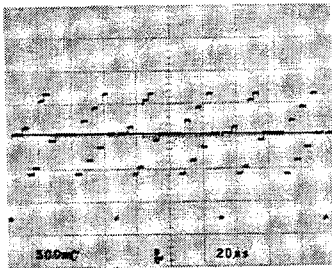
① TP101 PB



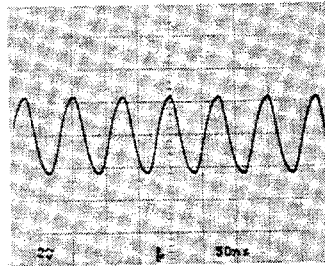
⑥ TP303 PB



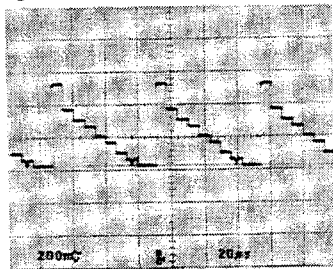
② TP201 PB



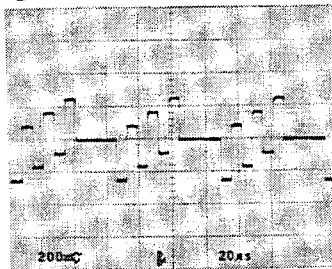
⑦ TP402 PB



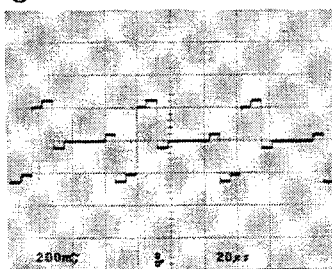
③ TP500 PB



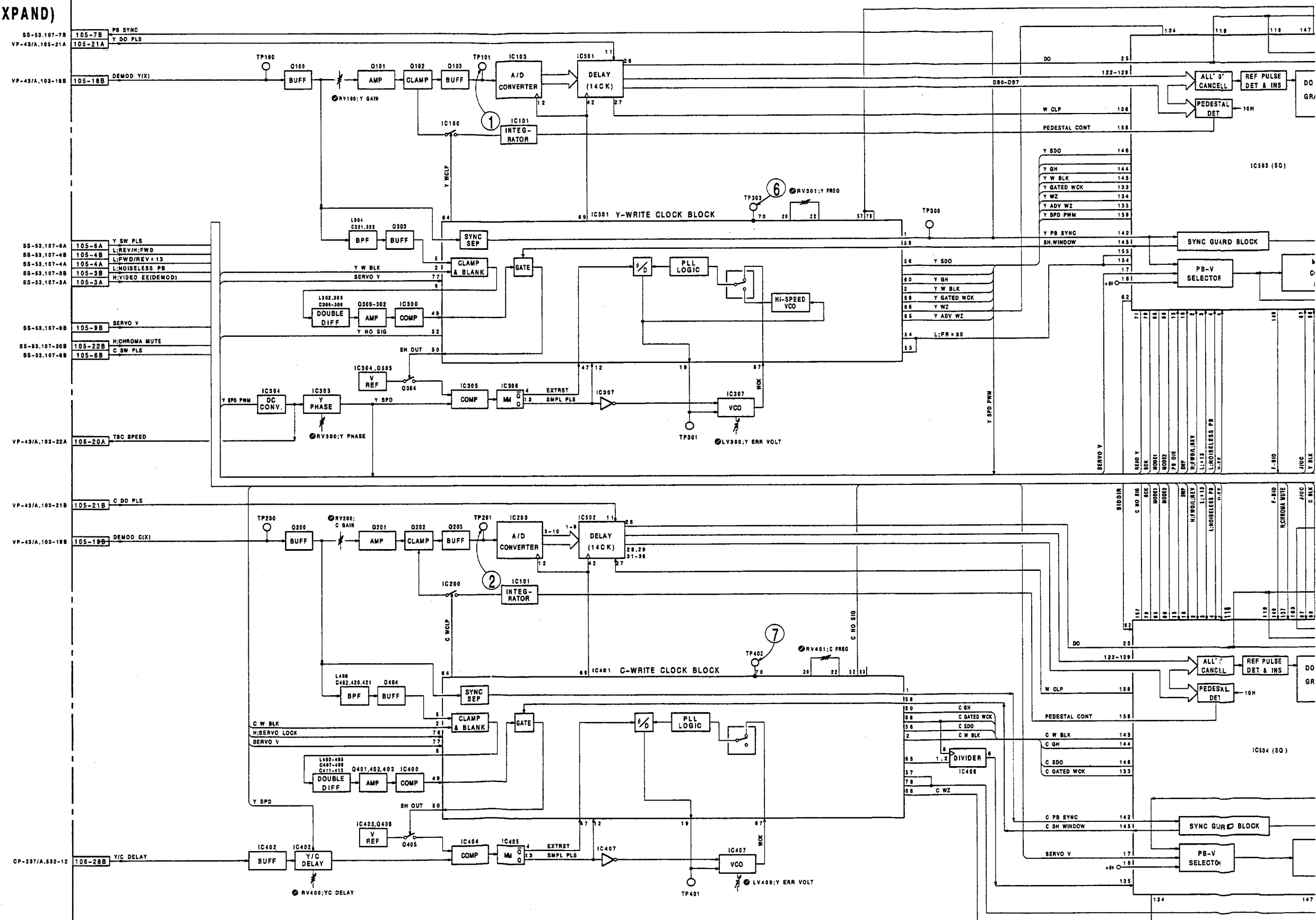
④ TP501 PB

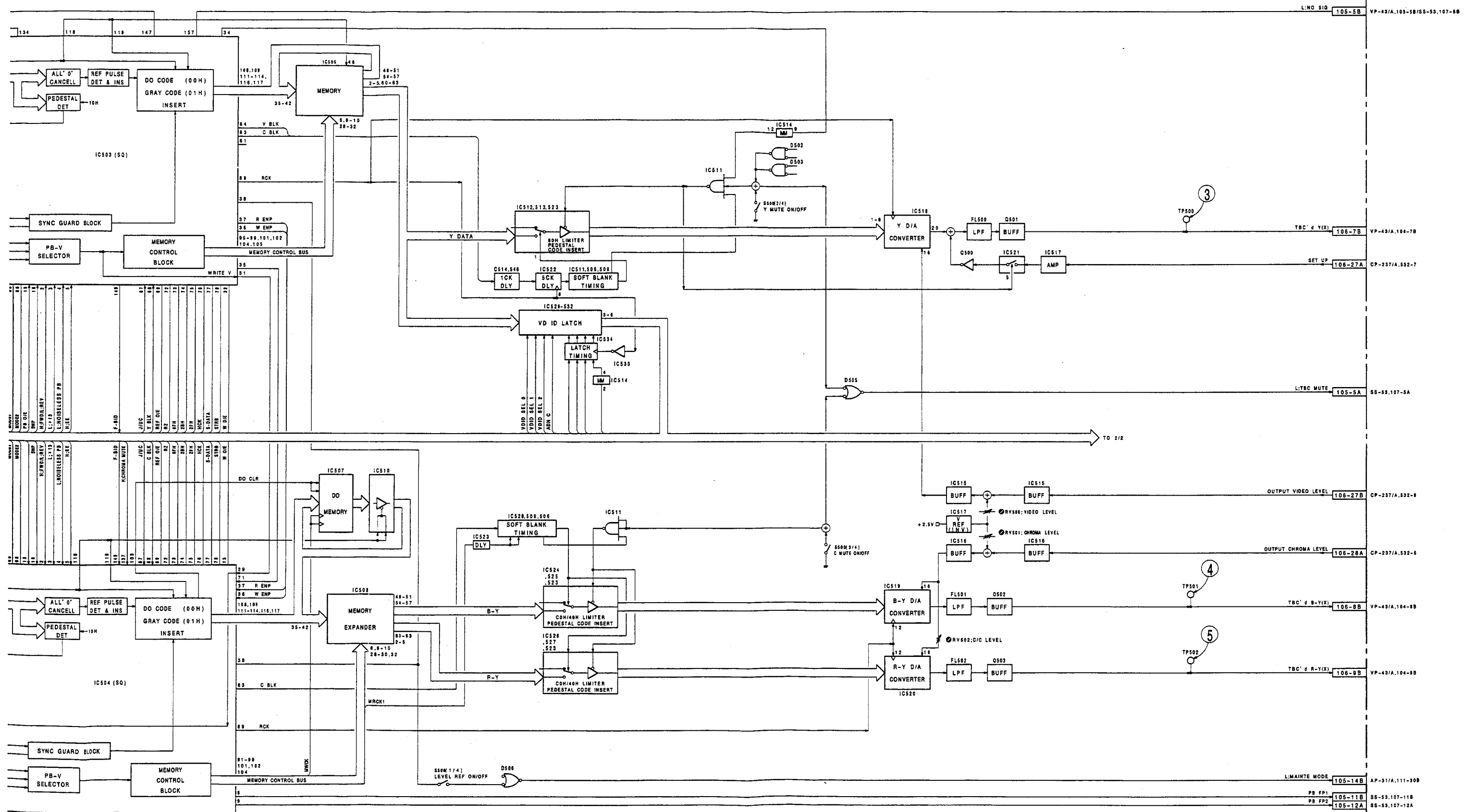


⑤ TP502 PB



TIME BASE CORRECTOR,CTDM(EXPAND)

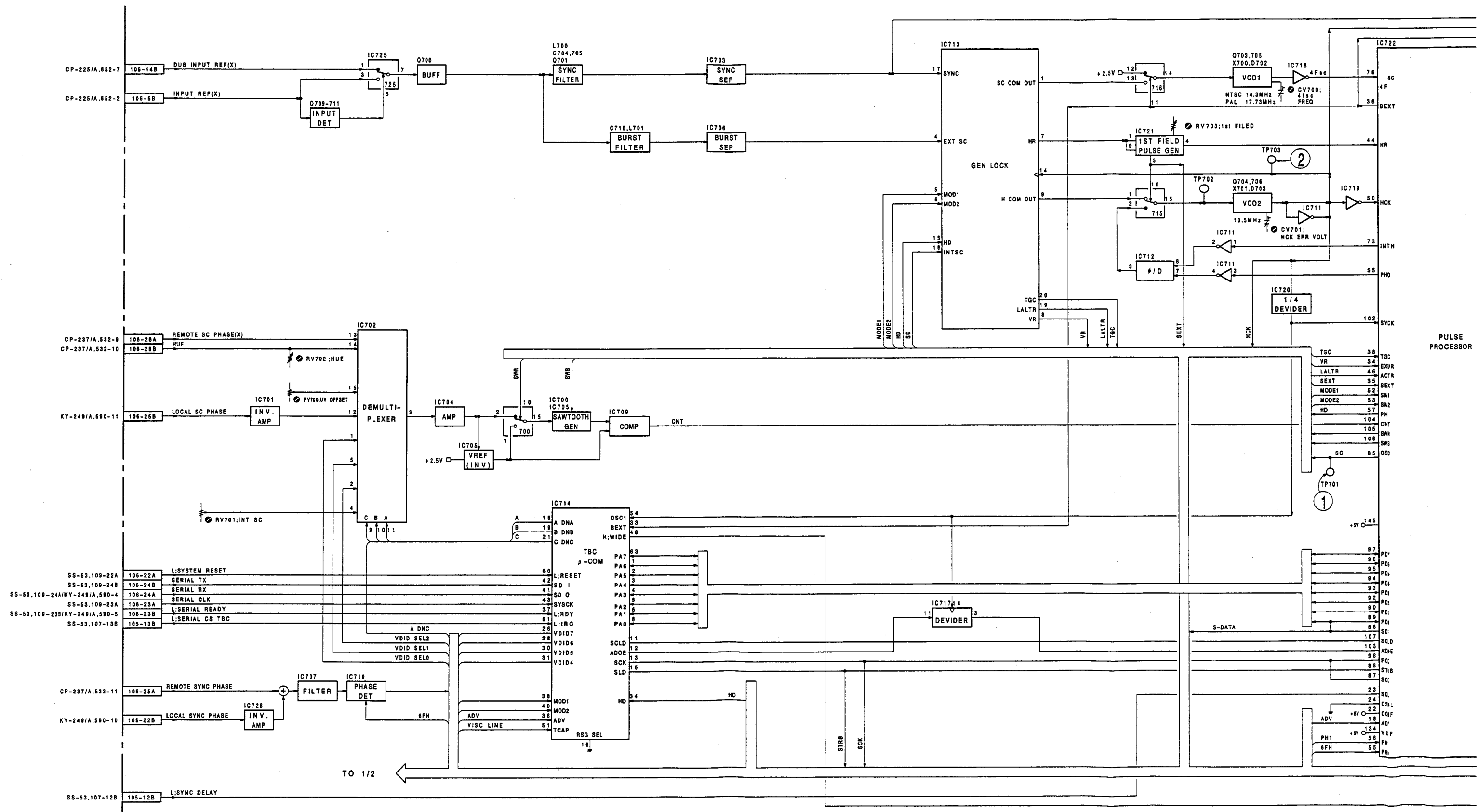


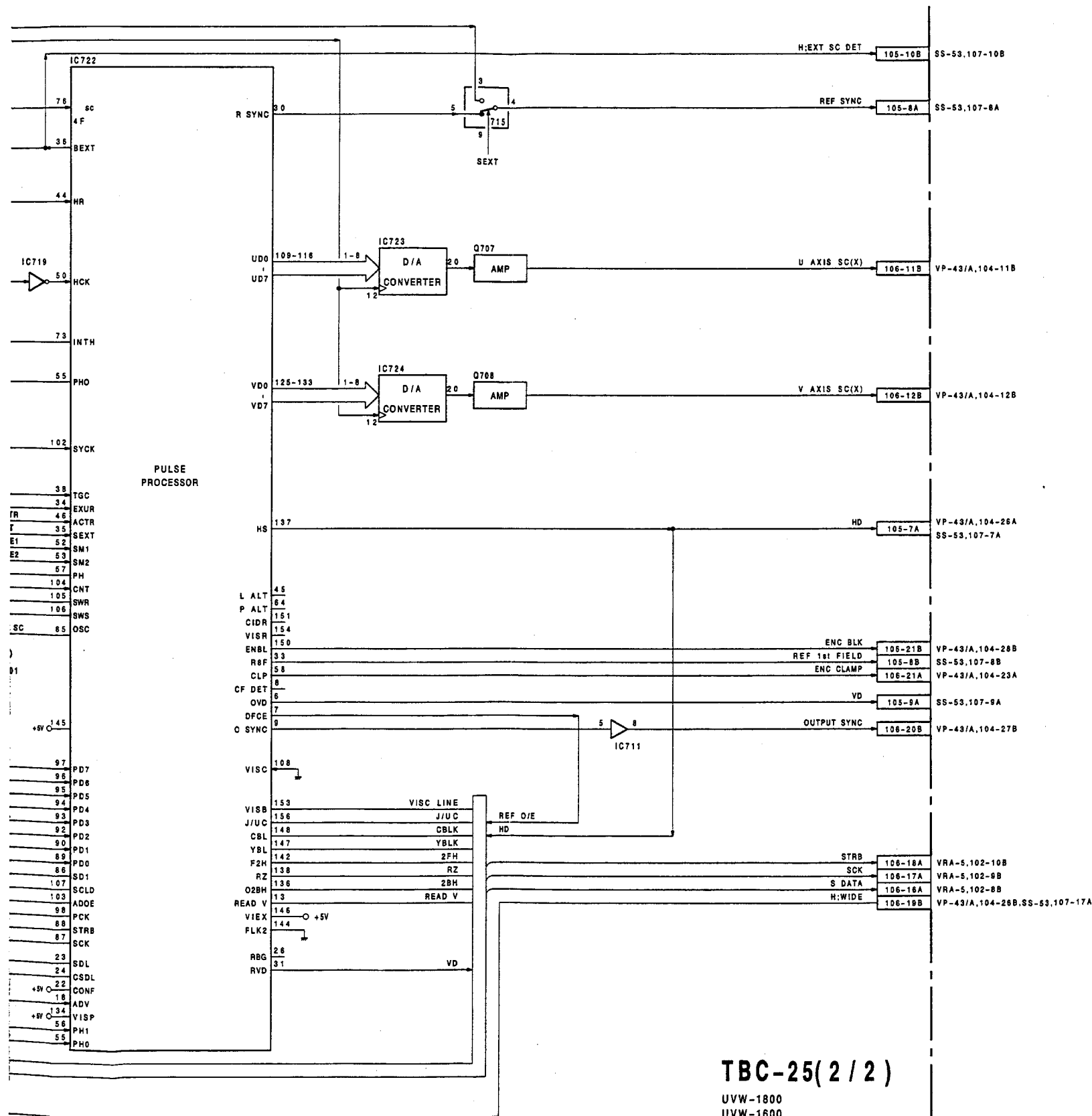


TBC-25(1/2)

UVW-1800
UVW-1600

TIME BASE CORRECTOR

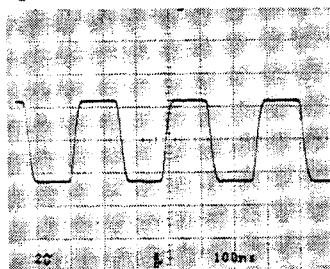




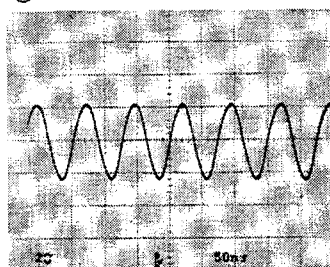
TBC-25(2/2)

UVW-1800
UVW-1600

① TP701 PB

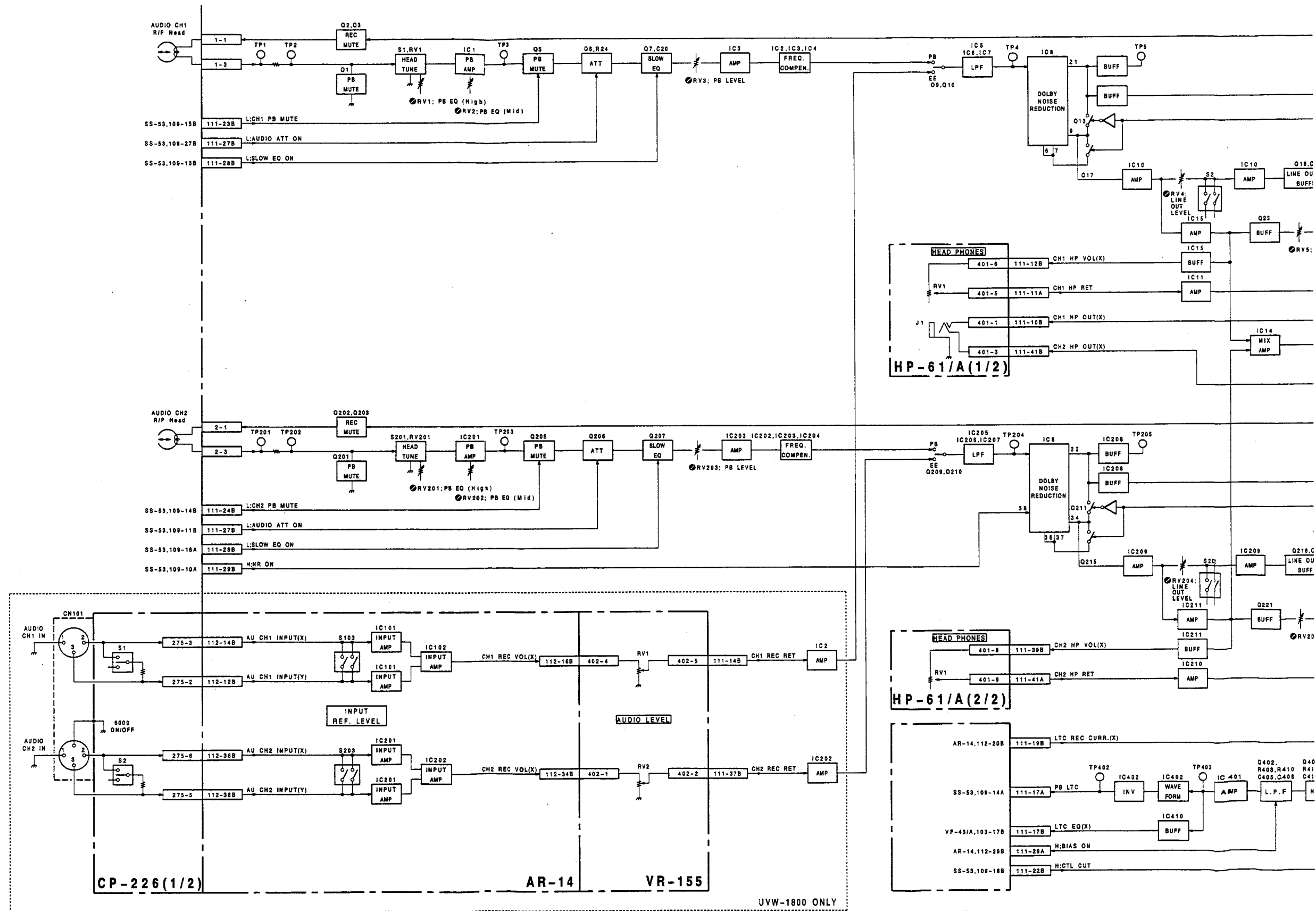


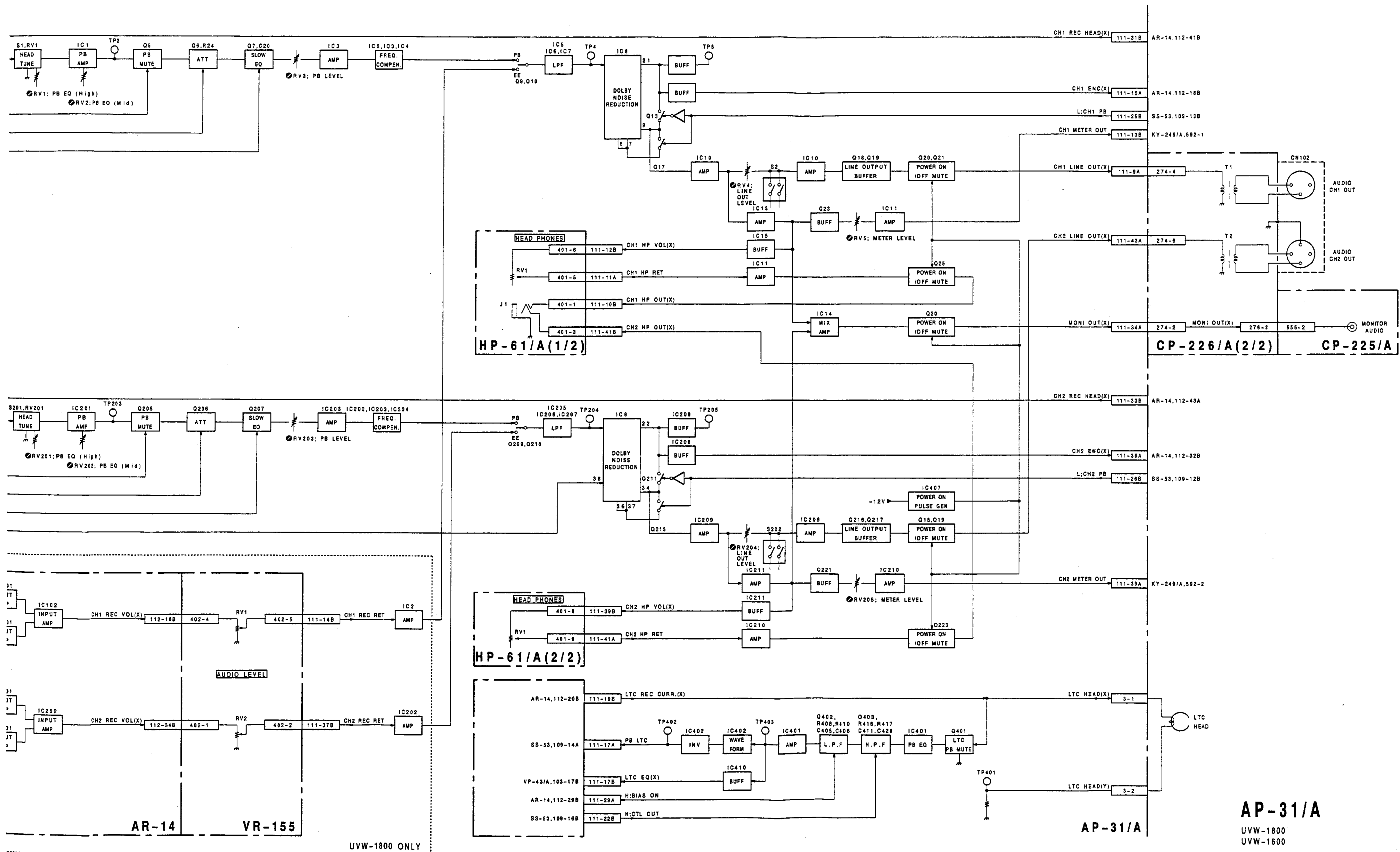
② TP703 PB



AUDIO(1) AUDIO(1)

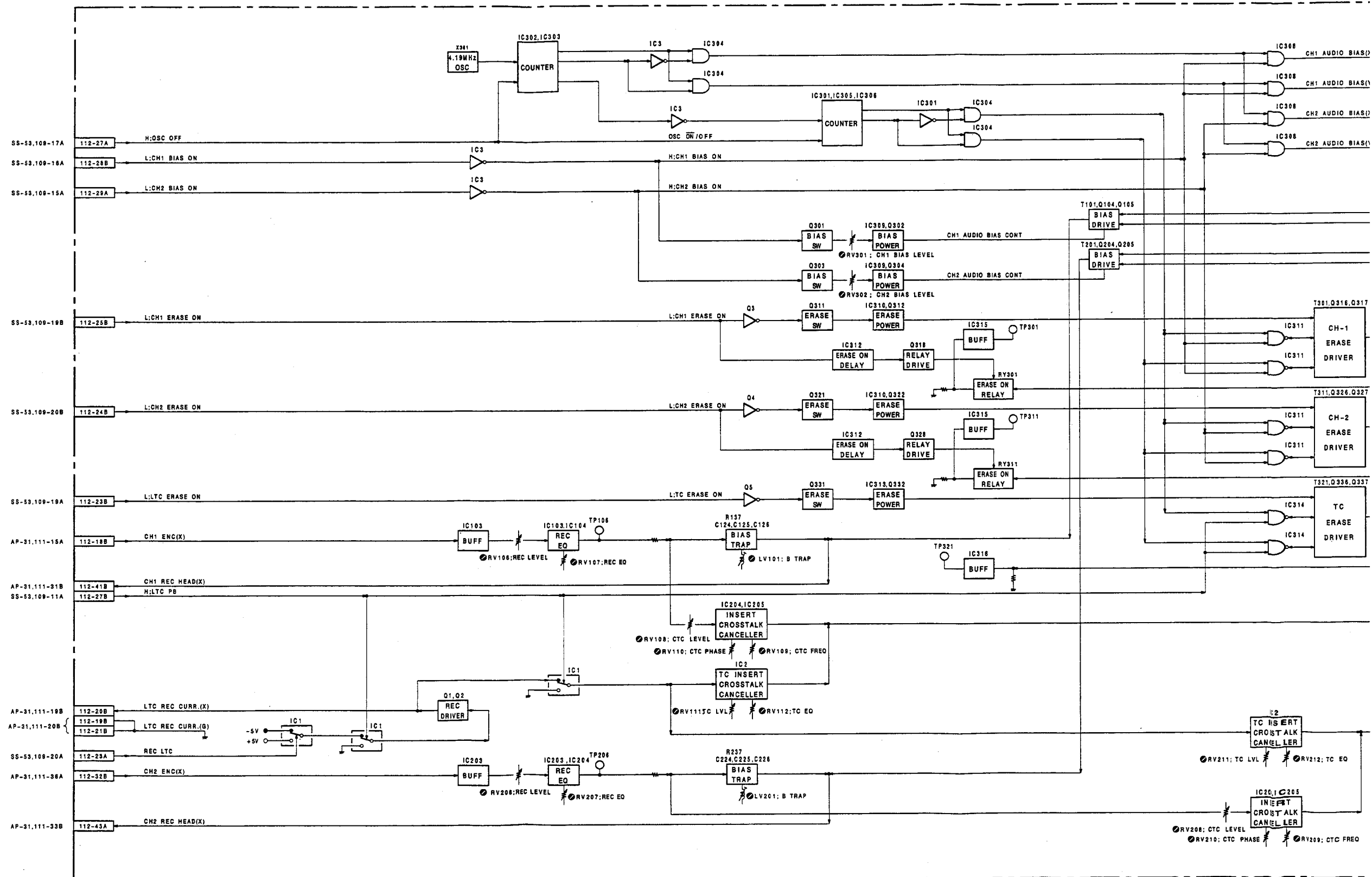
AUDIO PB,IN/OUT,LTC PB



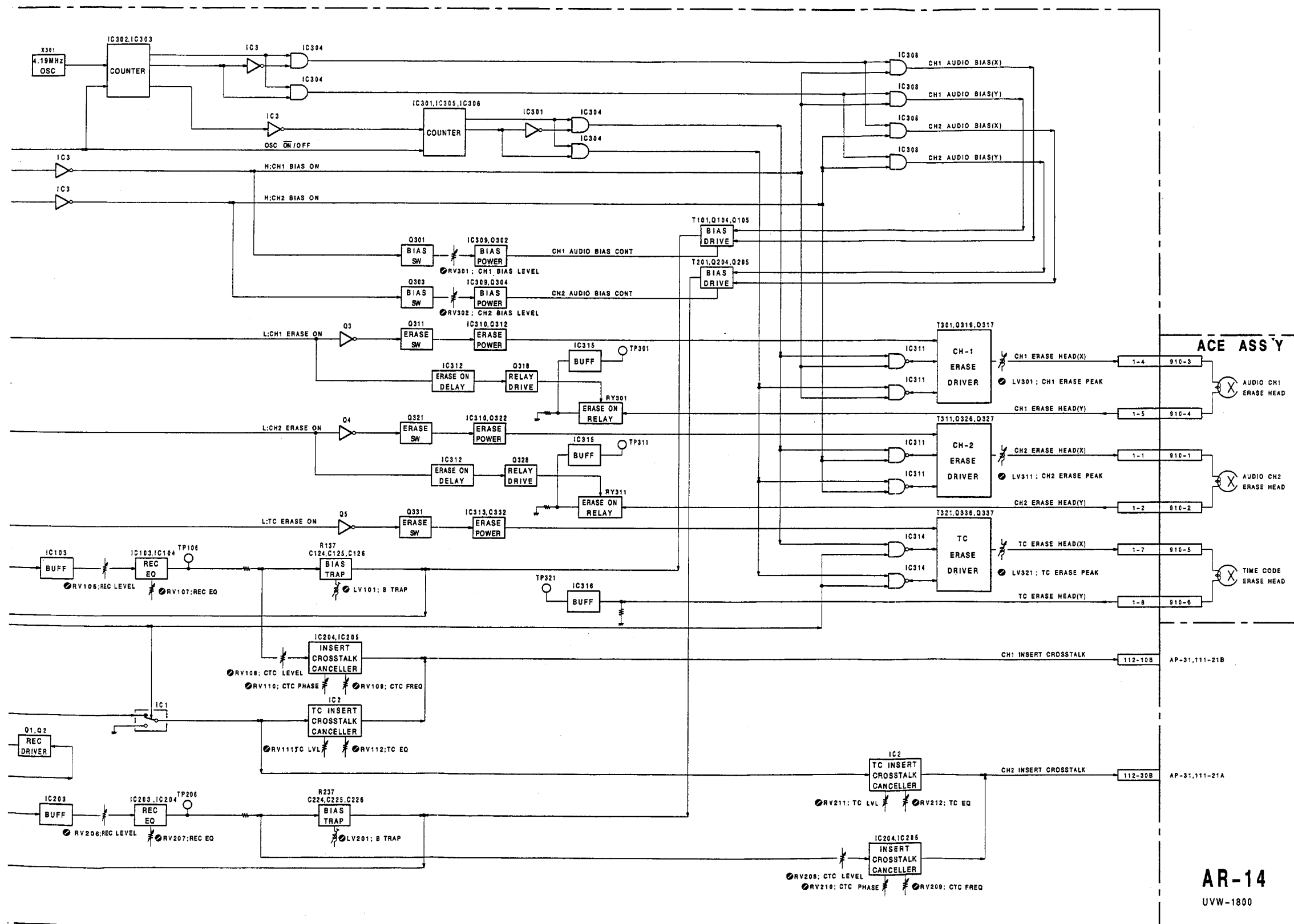


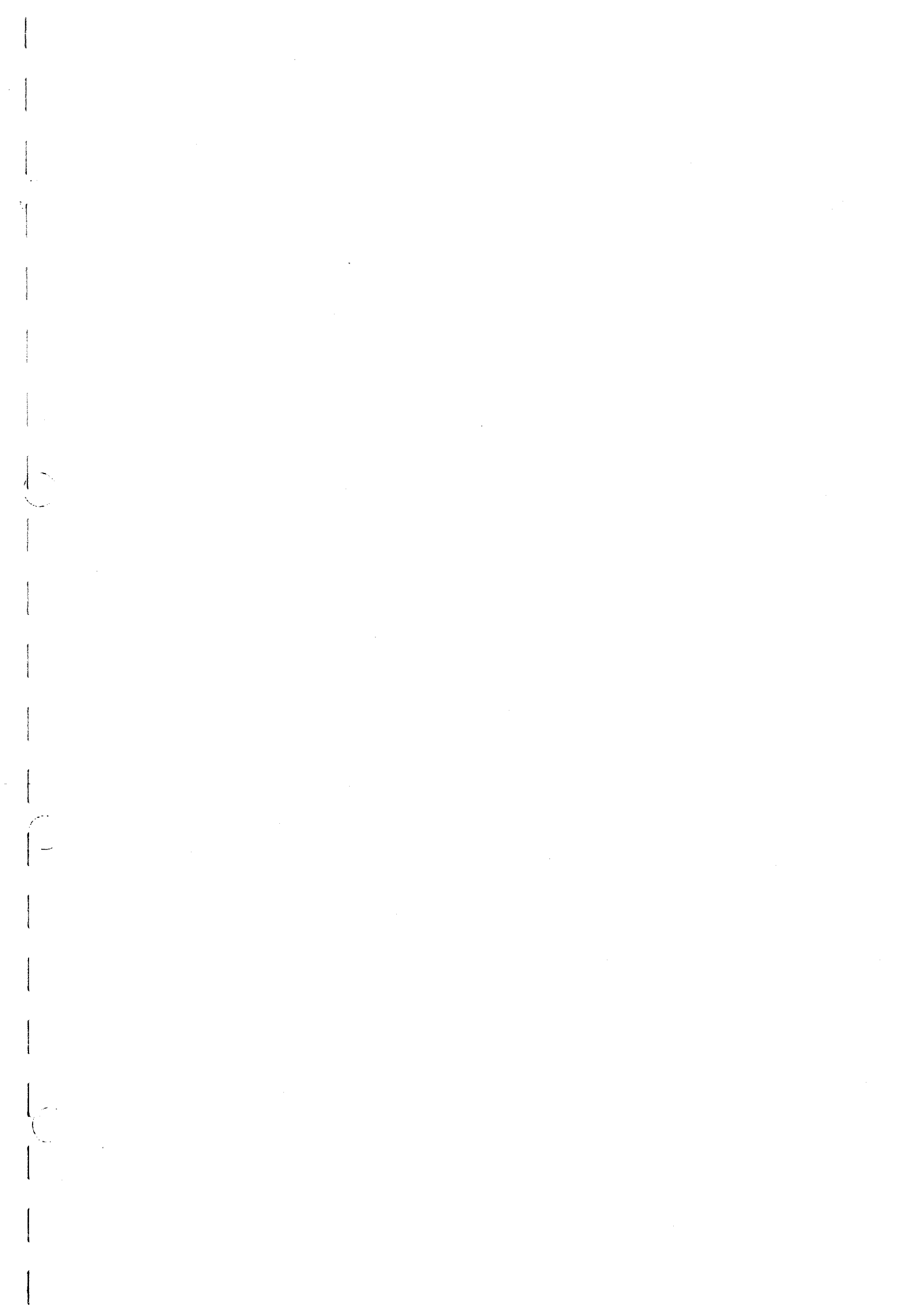
AP-31/A
UVW-1800
UVW-1600

AUDIO ERASE/BIAS OSC,MODE CONTROL,LTC REC,CROSSTALK CANCEL



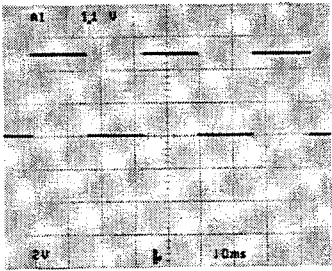
AUDIO(2) AUDIO(2)



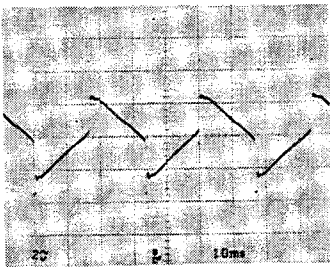


SYSTEM CONTROL

① TP219 EE/REC/PB

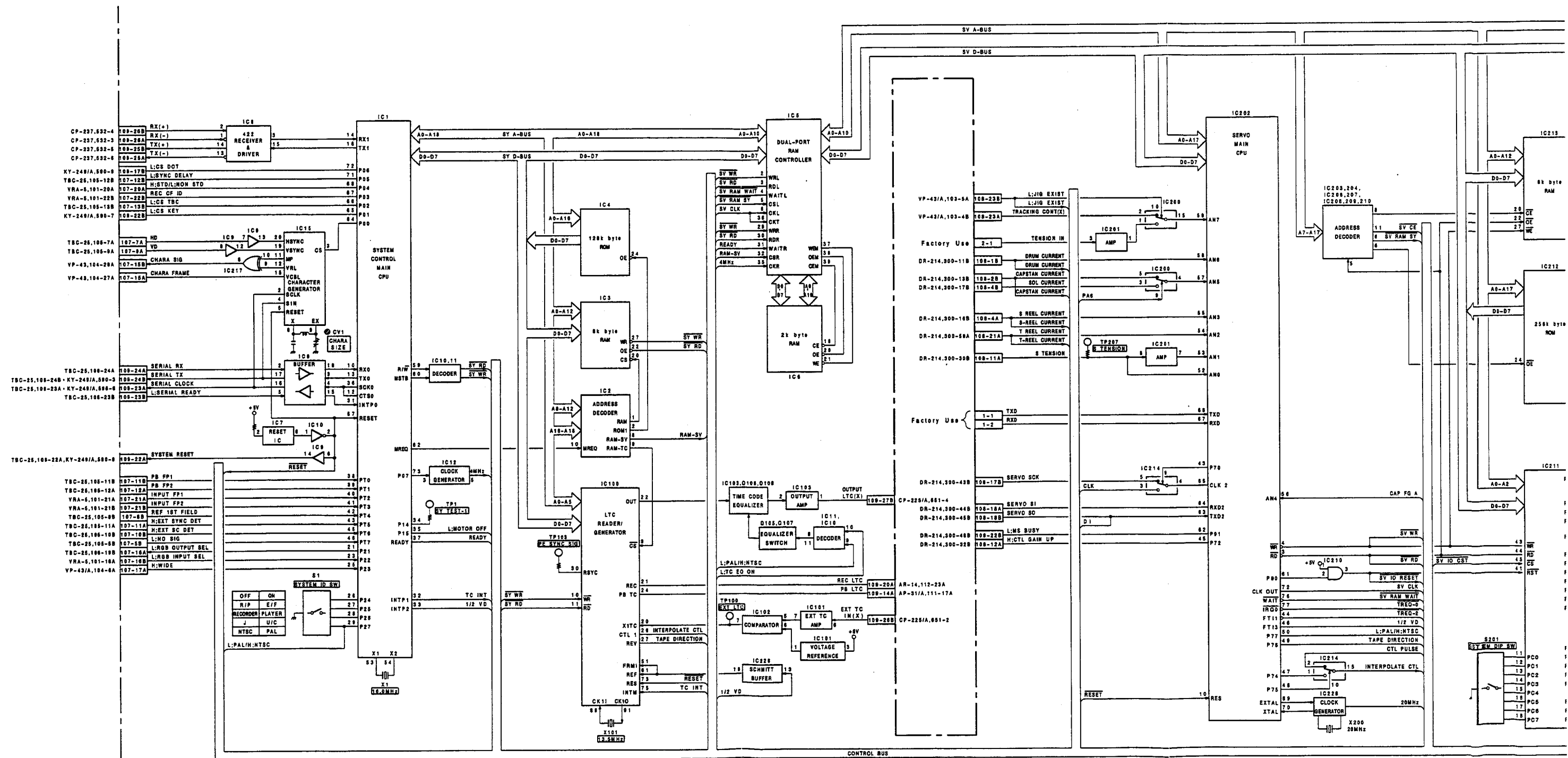


② TP225 PB

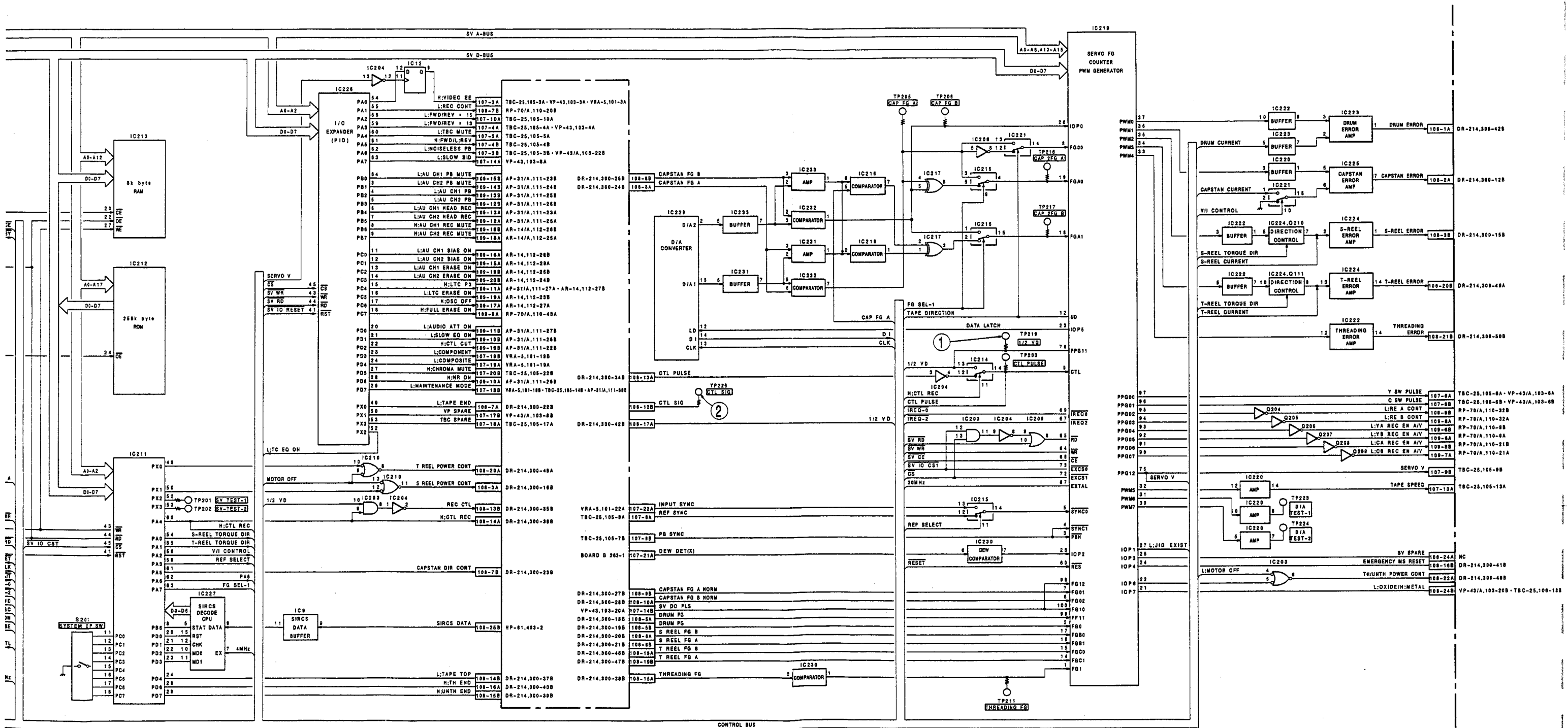


SYSTEM CONTROL SYSTEM CONTROL

SYSTEM CONTROL BLOCK



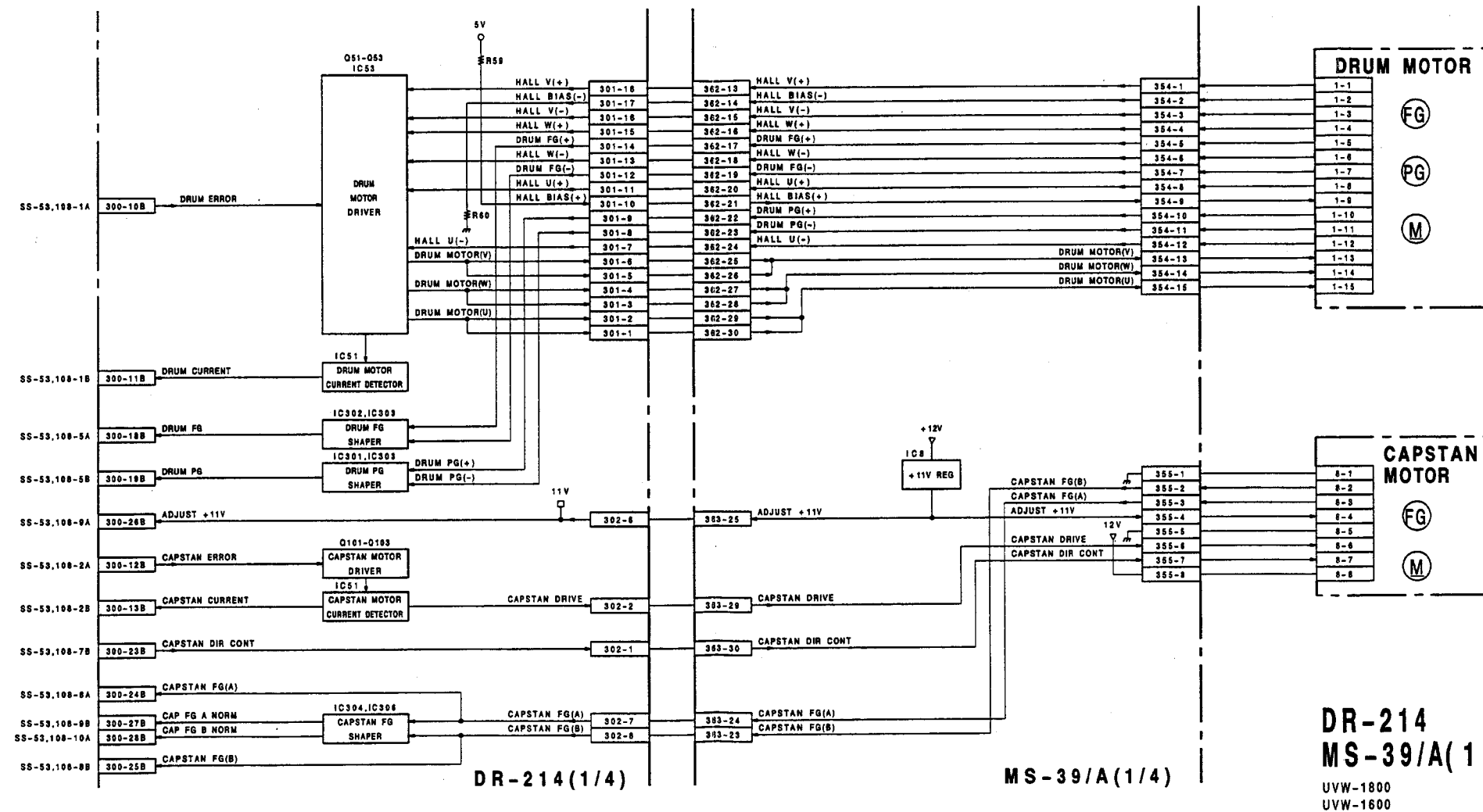
SYSTEM CONTROL SYSTEM CONTROL



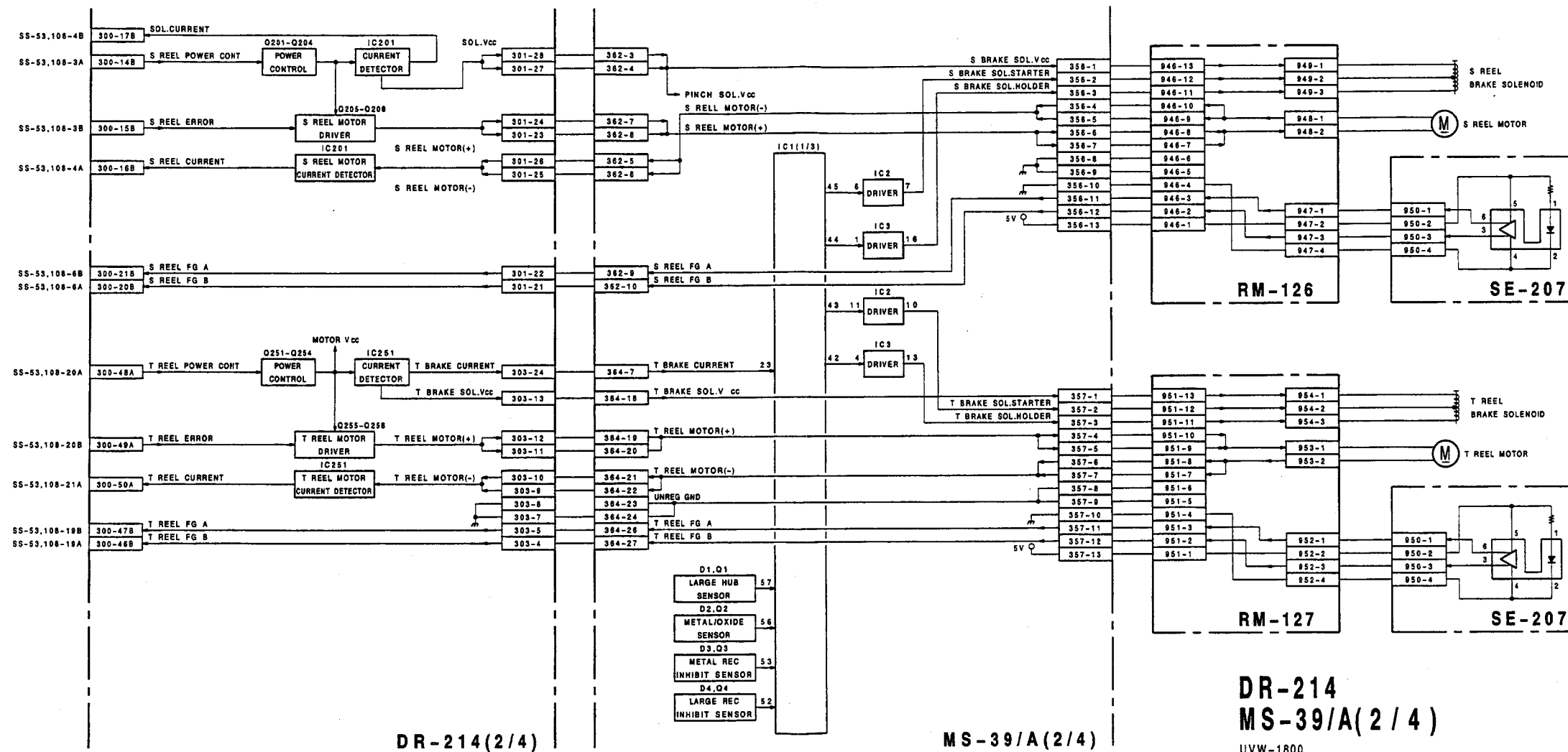
SS-53/A

UVW-1800
UVW-1600

SERVO(1)

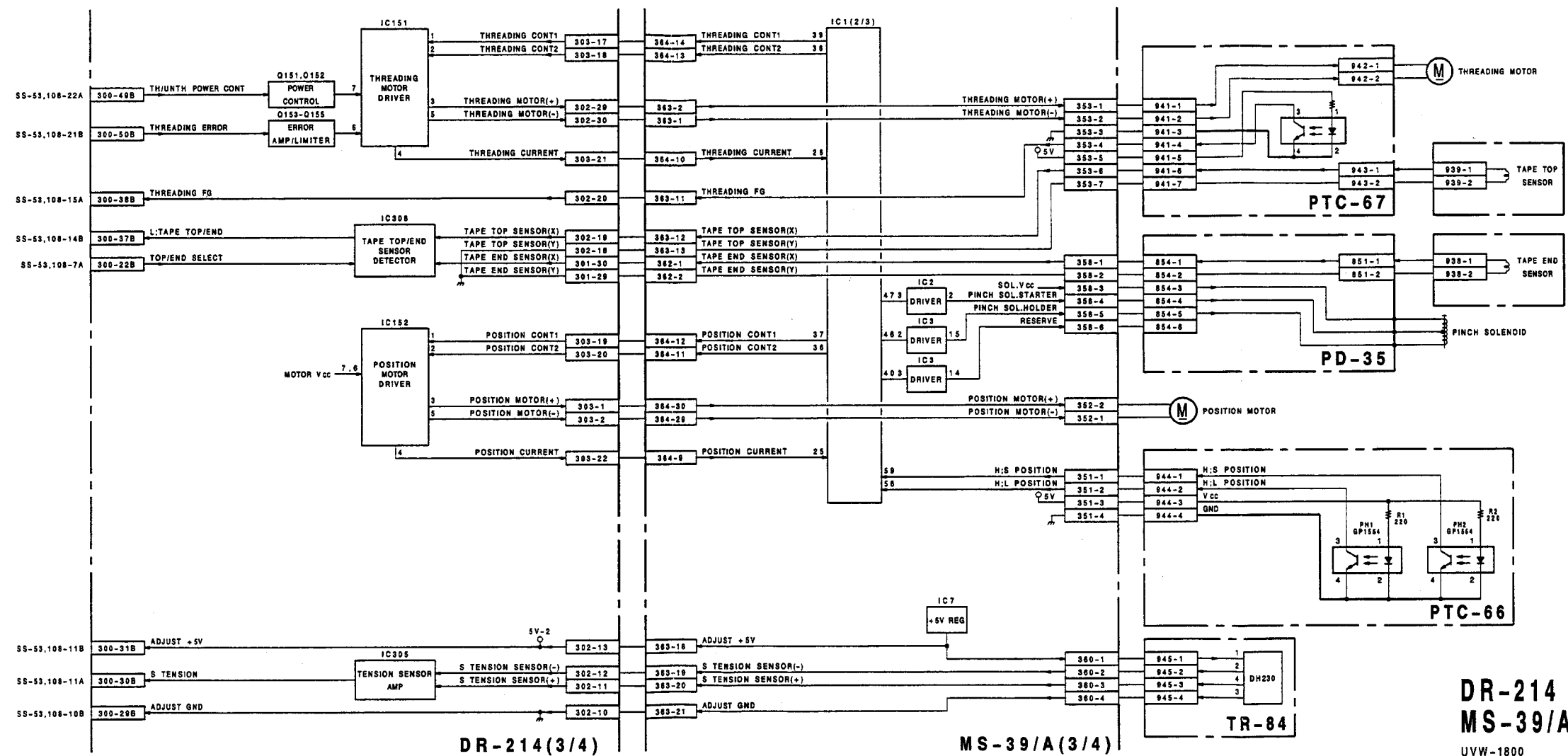


SERVO(1) SERVO(1)



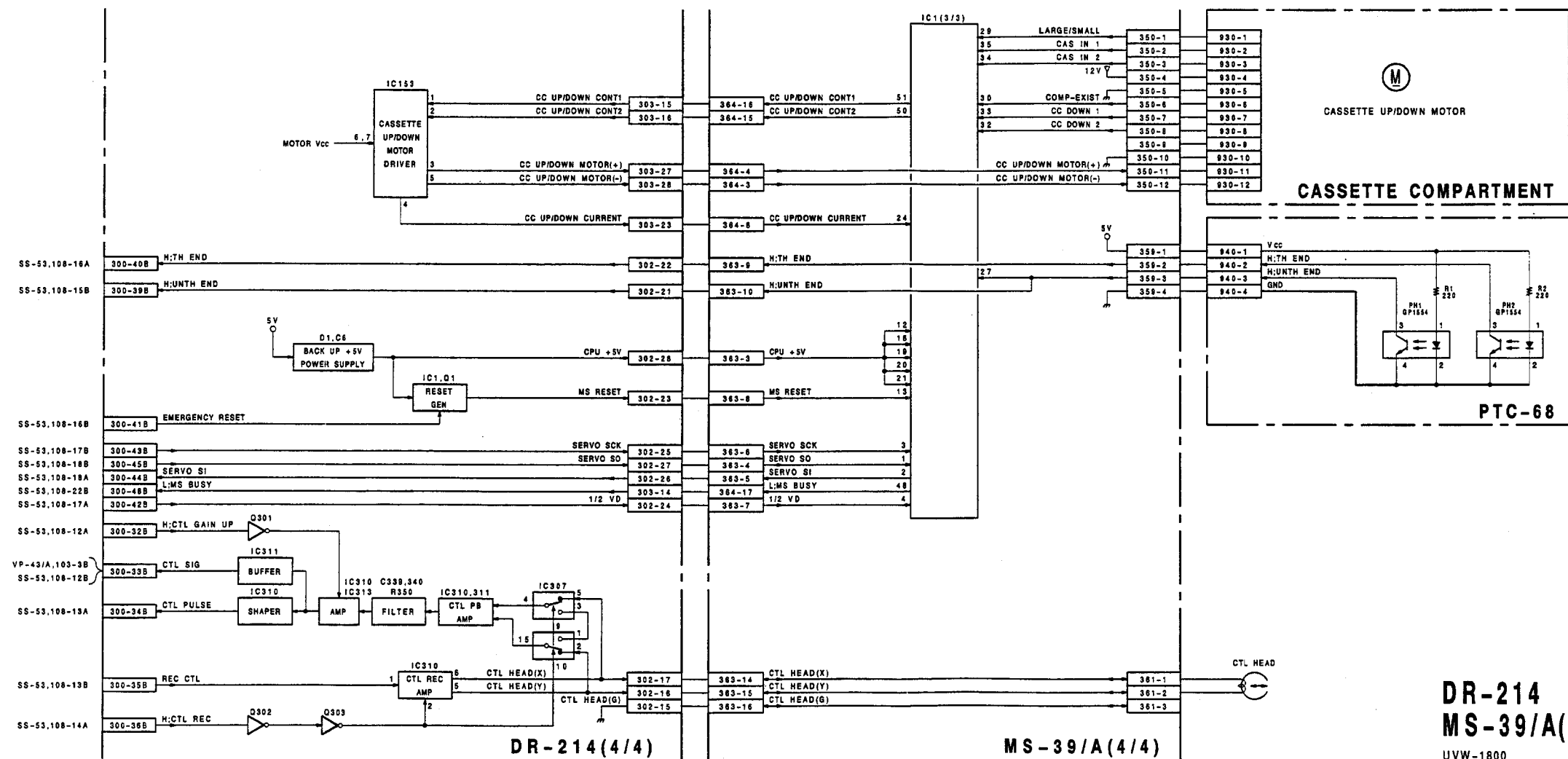
SERVO(2) SERVO(2)

SERVO(2)



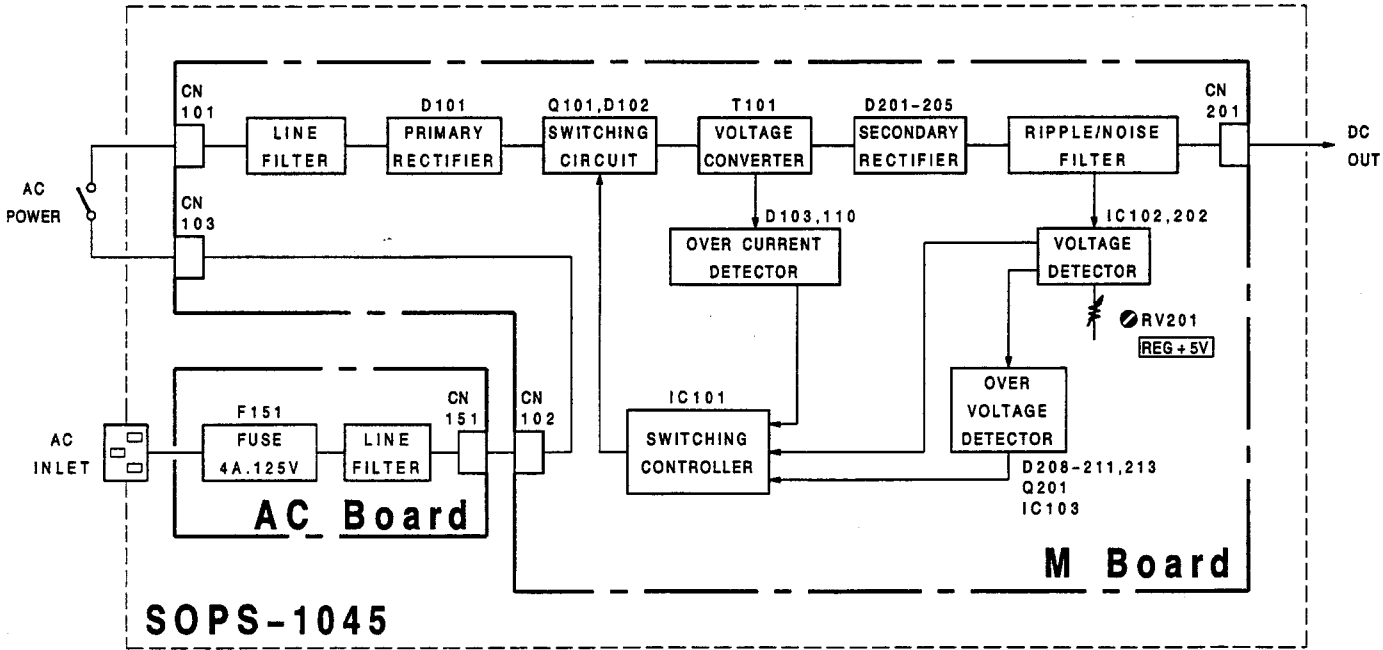
DR-214
MS-39/A(3/4)
UVW-1800
UVW-1600

| | |
|------------|------------|
| SERVO(2) | SERVO(2) |
|------------|------------|



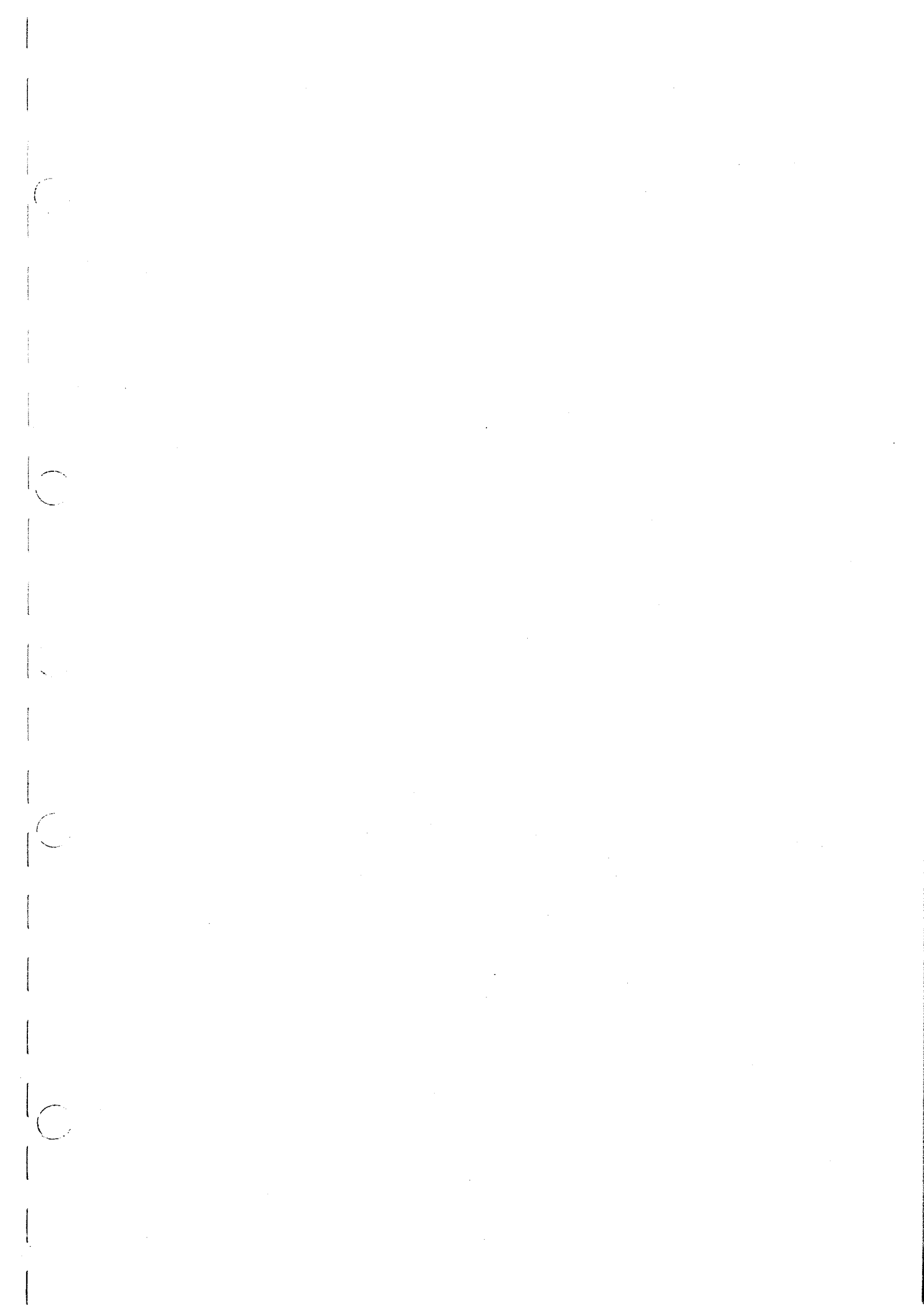
DR-214
MS-39/A(4 / 4)
UVW-1800
UVW-1600

POWER SUPPLY



SOPS-1045AC
SOPS-1045M
UVW-1800
UVW-1600

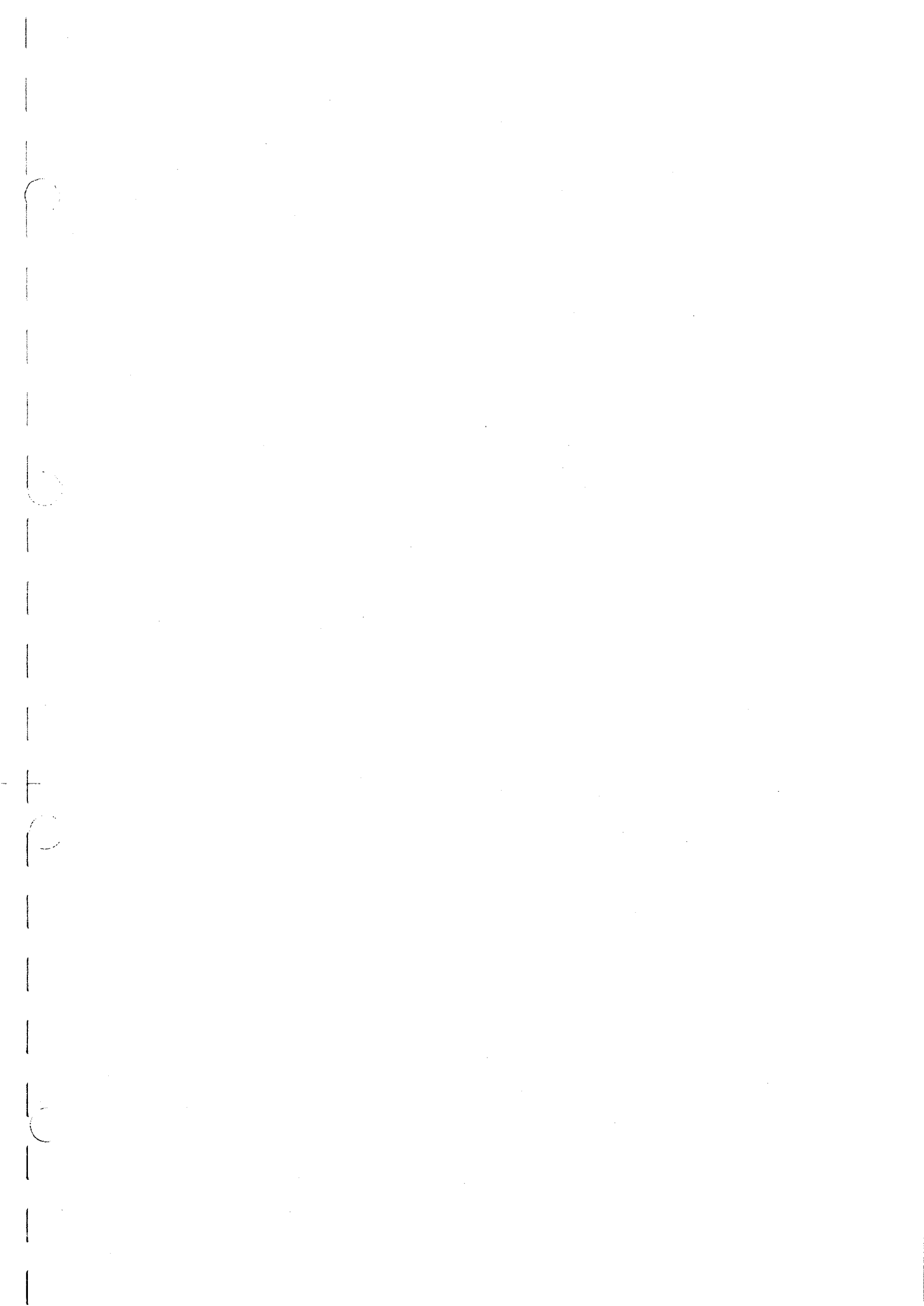
POWER SUPPLY POWER SUPPLY

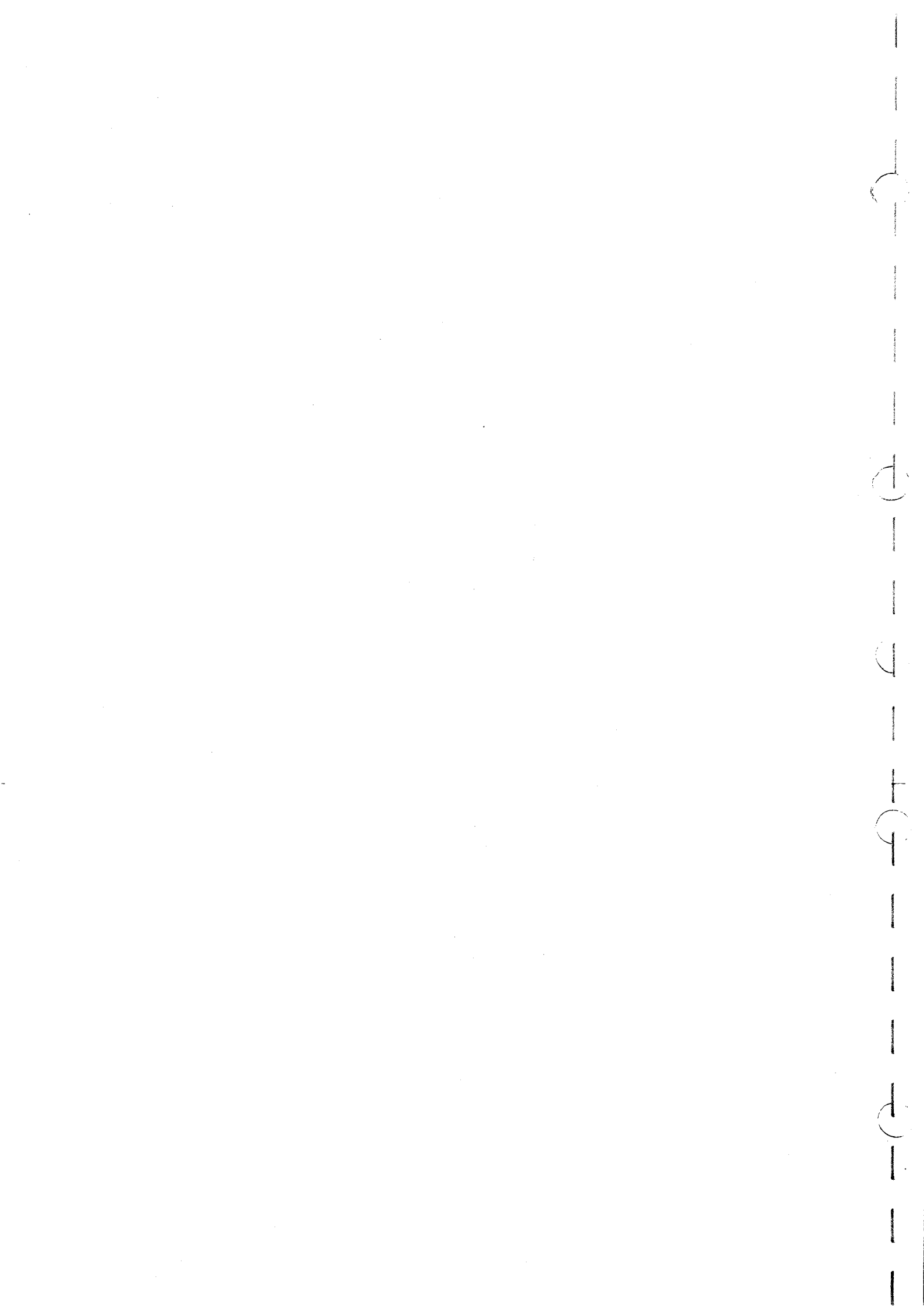


SECTION 15 BOARD LAYOUTS

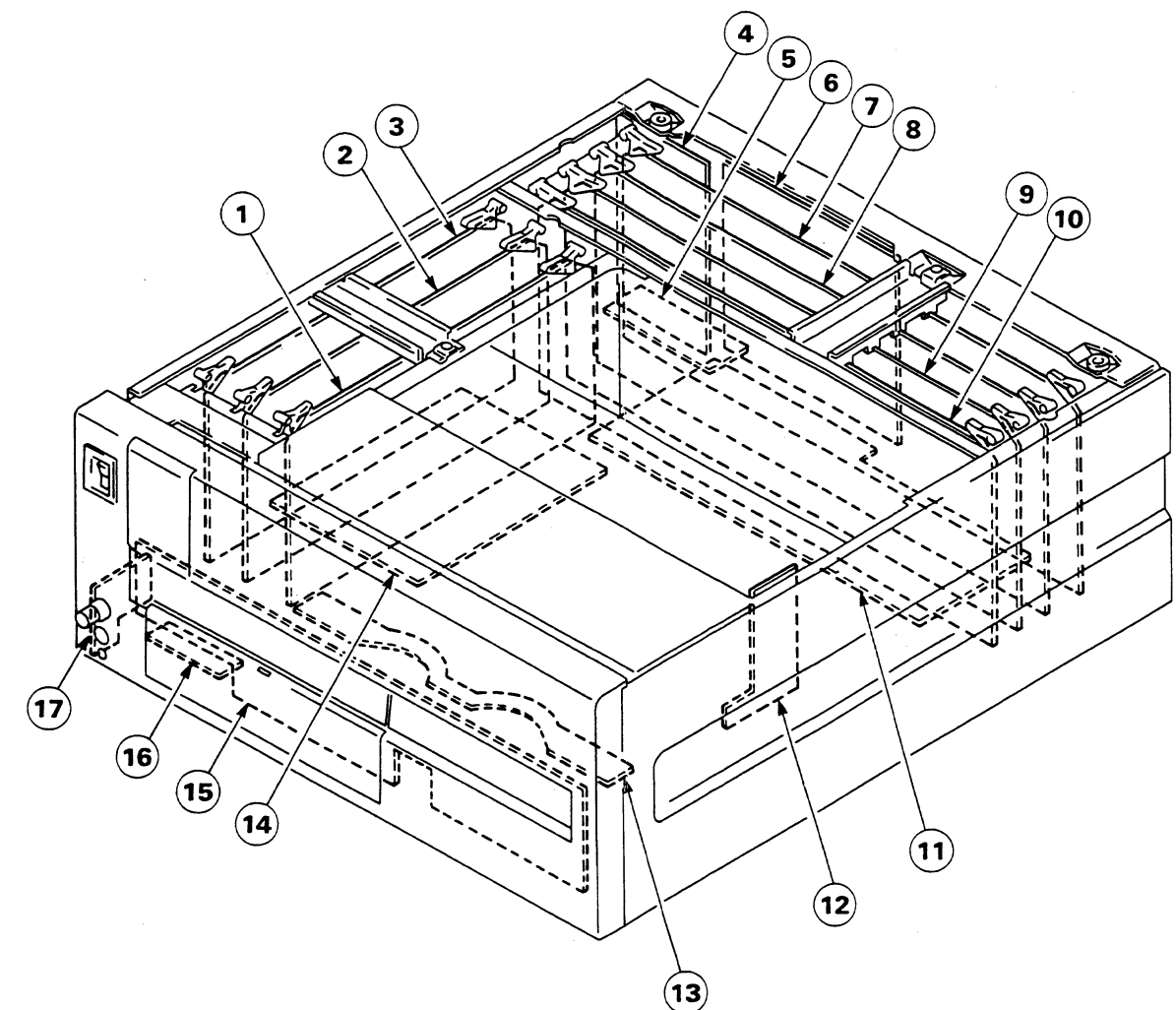
BOARD LAYOUT INDEX

| | Board | Page |
|---|---------------------|-------|
| A | AP-31 | 15-4 |
| | AP-31A | 15-6 |
| | AR-14 | 15-8 |
| C | CL-25 | 15-46 |
| | CP-225 | 15-10 |
| | CP-225A | 15-12 |
| | CP-226/226J | 15-14 |
| | CP-226A/226AJ | 15-14 |
| | CP-237 | 15-16 |
| | CP-237A | 15-16 |
| D | DR-214 | 15-18 |
| H | HP-61 | 15-46 |
| | HP-61A | 15-46 |
| K | KY-249 | 15-20 |
| | KY-249A | 15-22 |
| M | MB-470 | 15-52 |
| | MB-470A | 15-56 |
| | MB-471 | 15-60 |
| | MB-471A | 15-62 |
| | MS-39/39A | 15-24 |
| P | PC-62 | 15-46 |
| | PD-35 | 15-46 |
| | PTC-66 | 15-48 |
| | PTC-67 | 15-48 |
| | PTC-68 | 15-48 |
| R | RM-126 | 15-48 |
| | RM-127 | 15-48 |
| | RP-70 | 15-26 |
| | RP-70A | 15-28 |
| S | SE-207 | 15-48 |
| | SOPS-1045 AC | 15-50 |
| | SOPS-1045 M | 15-50 |
| | SS-53 | 15-30 |
| T | TBC-25 | 15-34 |
| | TR-84 | 15-48 |
| V | VP-43/43A | 15-38 |
| | VR-155 | 15-48 |
| | VRA-5 | 15-42 |

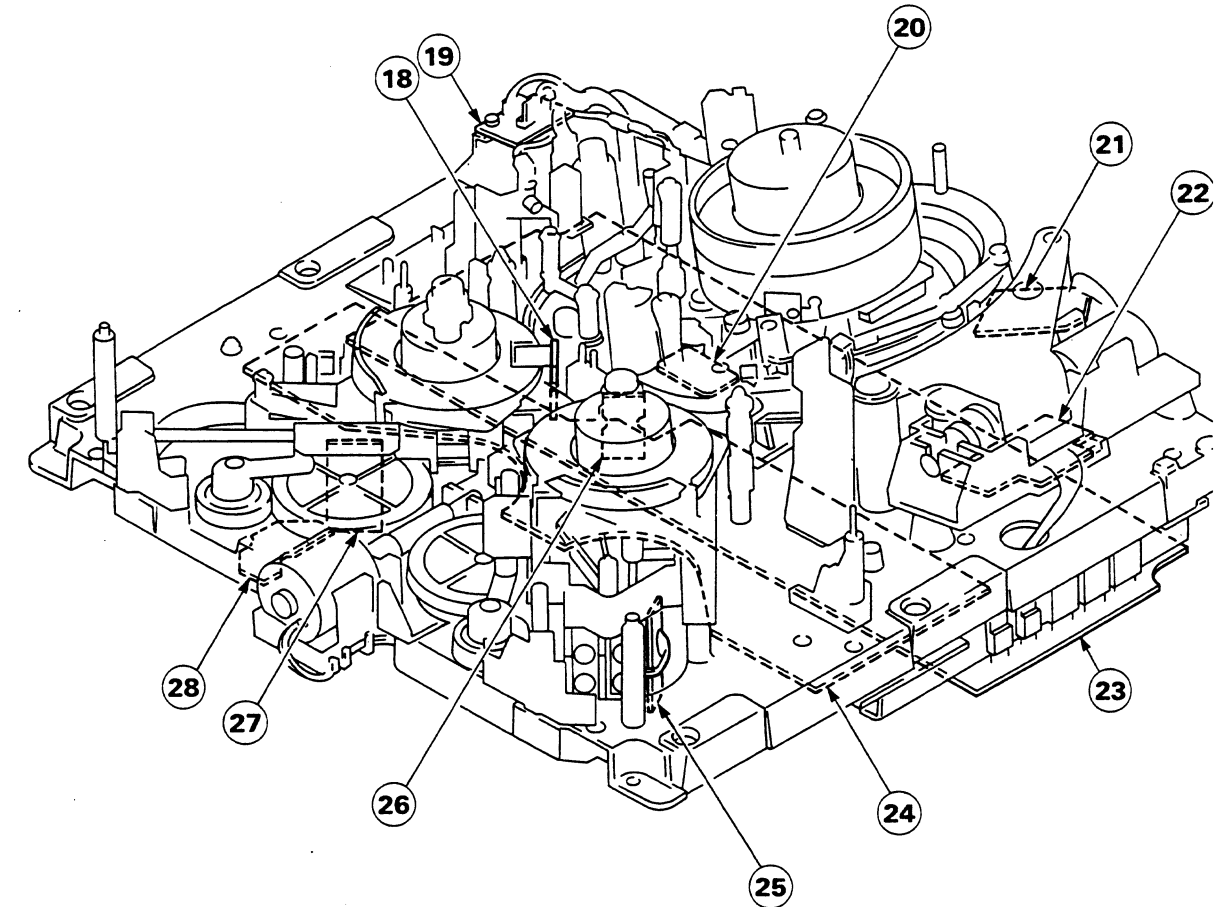




CIRCUIT FUNCTION



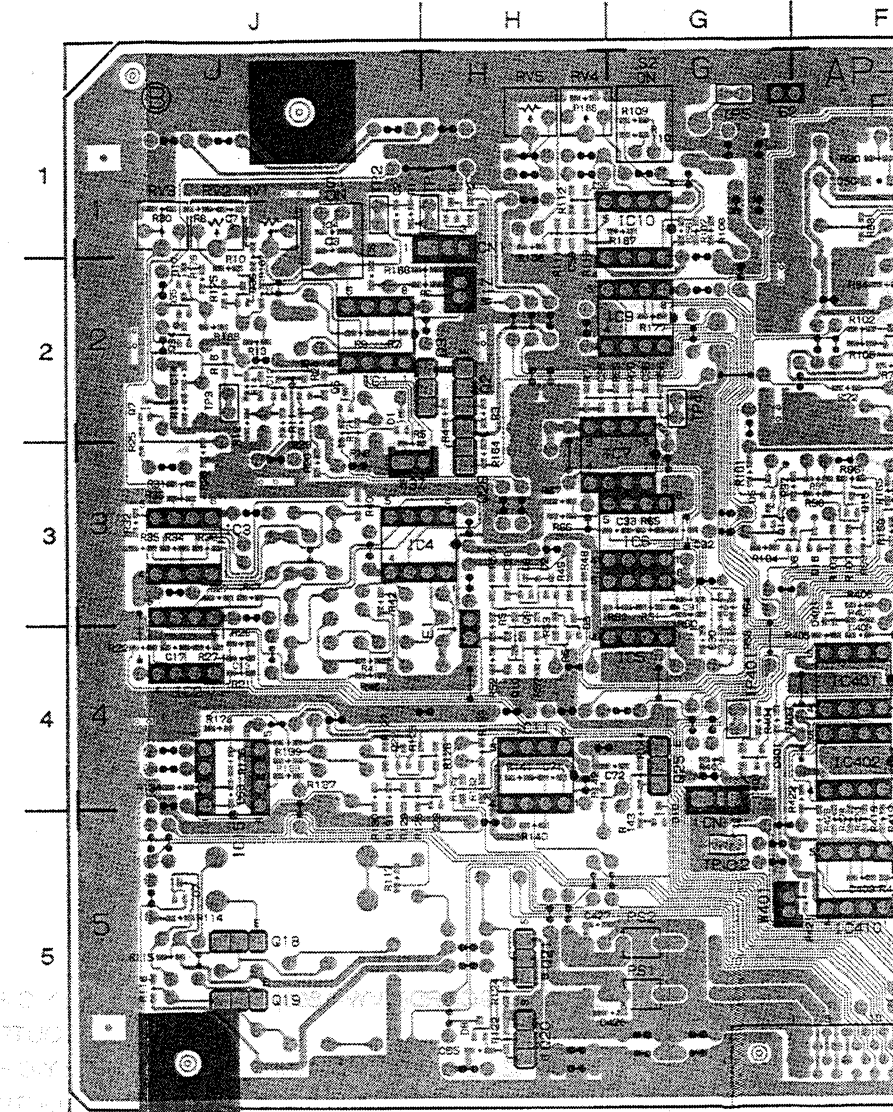
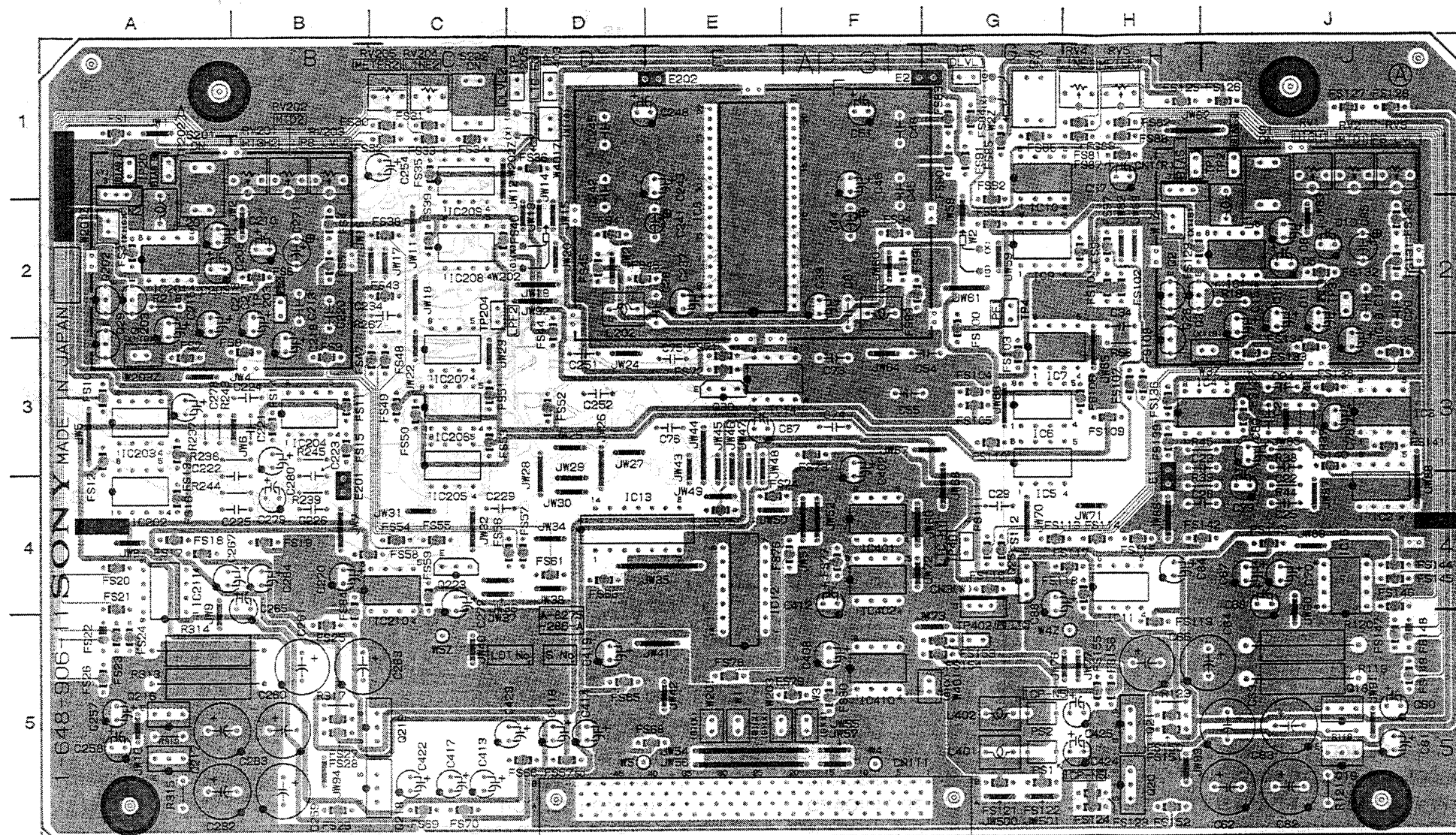
- | | |
|-----------------------------------|-----------------------------------------------------------|
| ① RP-70 BOARD(UVW-1800) | ; RF REC/PB AMP.,ROTARY ERASE OSC.,FULL ERASE OSC. |
| RP-70A BOARD(UVW-1600) | ; RF PB AMP. |
| ② AP-31 BOARD(UVW-1800) | ; AUDIO/TC PB AMP.,METER DRIVER |
| AP-31A BOARD(UVW-1600) | ; AUDIO/TC PB AMP.,METER DRIVER |
| ③ AR-14 BOARD(UVW-1800) | ; AUDIO/TC REC AMP.,AUDIO/TC ERASE OSC.,AUDIO BIAS DRIVER |
| ④ CP-226 BOARD(UVW-1800 : FOR UC) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226J BOARD(UVW-1800 : FOR J) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226A BOARD(UVW-1600 : FOR UC) | ; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| CP-226AJ BOARD(UVW-1600 : FOR J) | ; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| ⑤ CP-237 BOARD(UVW-1800) | ; TBC/9P REMOTE CONNECTOR |
| CP-237A BOARD(UVW-1600) | ; TBC/9P REMOTE CONNECTOR |
| ⑥ CP-225 BOARD(UVW-1800) | ; VIDEO INPUT/OUTPUT CONNECTOR |
| CP-225A BOARD(UVW-1600) | ; VIDEO OUTPUT CONNECTOR |
| ⑦ VRA-5 BOARD(UVW-1800) | ; Y/C REC PROCESS(DECODE,MOD),CTDM(COMPAND) |



- | | |
|--------------------------------------|----------------------------------------------------------------------------------------------------|
| ⑧ VP-43 BOARD(UVW-1800) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| VP-43A BOARD(UVW-1600) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| ⑨ TBC-25 BOARD | ; TIME BASE CORRECTOR, CTDM(EXPAND) |
| ⑩ SS-53 BOARD | ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR |
| ⑪ MB-470 BOARD(UVW-1800) | ; MOTHER BOARD |
| MB-470A BOARD(UVW-1600) | ; MOTHER BOARD |
| ⑫ CL-25 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE LOADING BEGIN/NEAR-END SENSOR |
| ⑬ PC-62 BOARD(UVW-1800) | ; CASSETTE IN/LARGE CASSETTE SENSOR |
| ⑭ MB-471 BOARD(UVW-1800) | ; MOTHER BOARD |
| MB-471A BOARD(UVW-1600) | ; MOTHER BOARD |
| ⑮ KY-249 BOARD(UVW-1800) | ; FUNCTION KEY |
| KY-249A BOARD(UVW-1600) | ; FUNCTION KEY |
| ⑯ VR-155 BOARD (UVW-1800) | ; AUDIO REC LEVEL |
| ⑰ HP-61 BOARD(UVW-1800) | ; HEADPHONES JACK/VOLUME CONTROL |
| HP-61A BOARD(UVW-1600) | ; HEADPHONES JACK/VOLUME CONTROL |

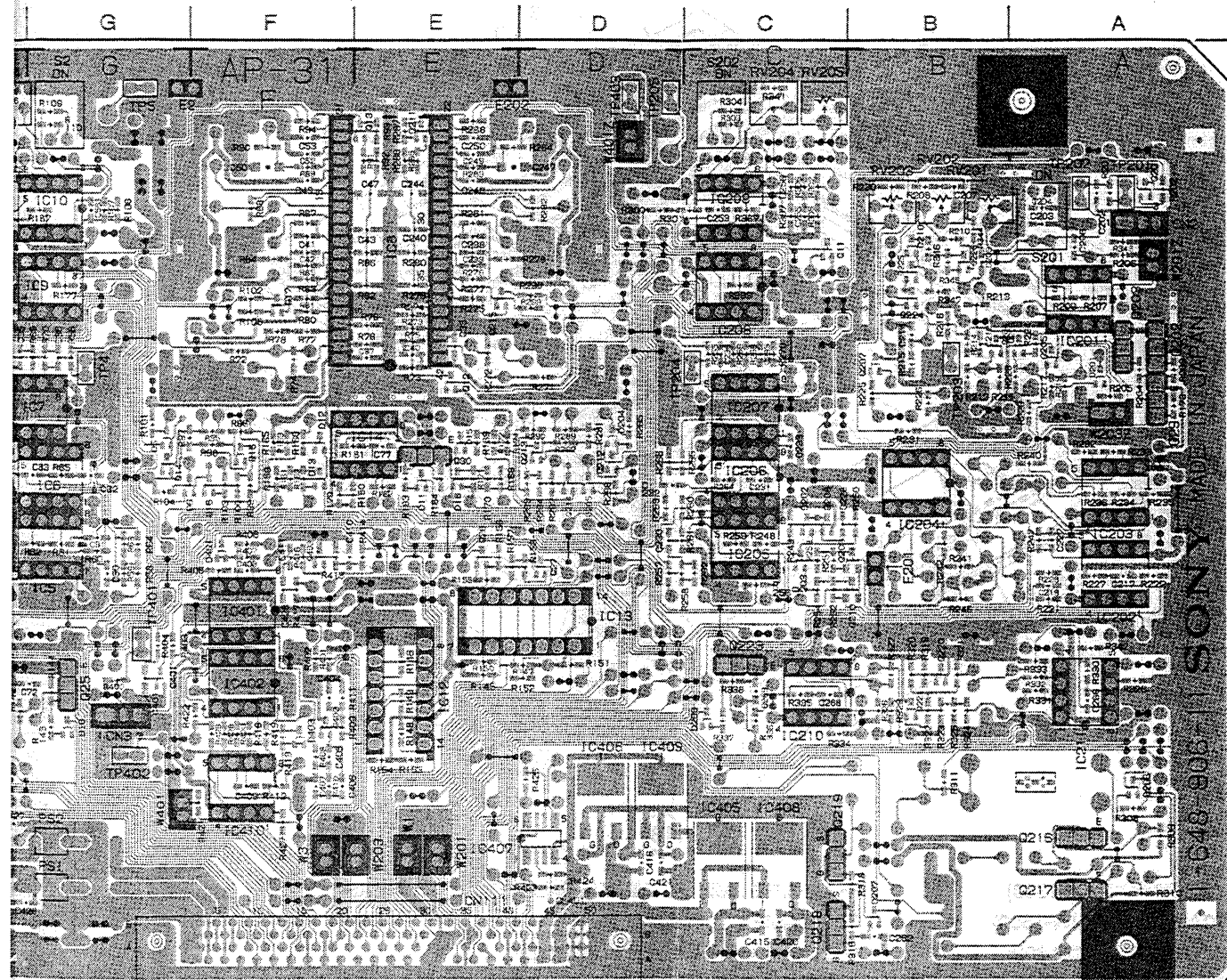
- | | |
|-------------------------|-------------------------------------------------------------------------------------|
| ⑱ SE-207 BOARD(S SIDE) | ; REEL FG |
| ⑲ PD-35 BOARD | ; PINCH SOLENOID |
| ⑳ TR-84 BOARD | ; S-TENSION SENSOR |
| ㉑ PTC-68 BOARD | ; THREAD END/UNTHREAD END SENSOR |
| ㉒ PTC-67 BOARD | ; THREADING FG/MOTOR |
| ㉓ DR-214 BOARD | ; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., C REC/PB AMP. |
| ㉔ MS-39 BOARD(UVW-1800) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| MS-39A BOARD(UVW-1600) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| ㉕ RM-127 BOARD | ; T-REEL MOTOR |
| ㉖ SE-207 BOARD(T SIDE) | ; REEL FG |
| ㉗ RM-126 BOARD | ; S-REEL MOTOR |
| ㉘ PTC-66 BOARD | ; REEL POSITION SENSOR |

AP-31 ; AUDIO/TC PB AMP., METER DRIVER



AP-31 1-648-906-11 A SIDE

AP-31 1-648-906-11 B SIDE



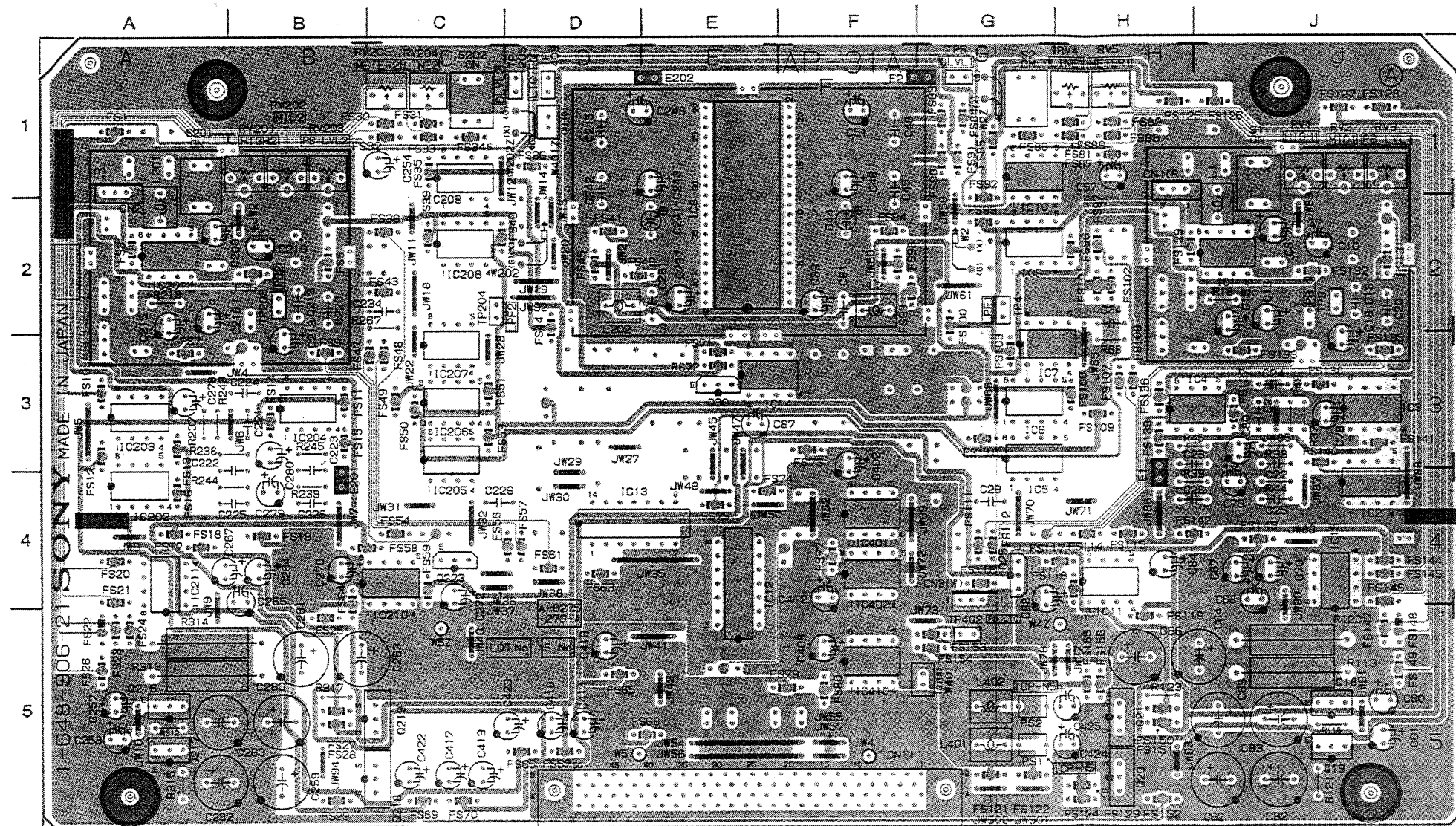
AP-31 1-648-906-11 B SIDE

AP-31(1-648-906-11)

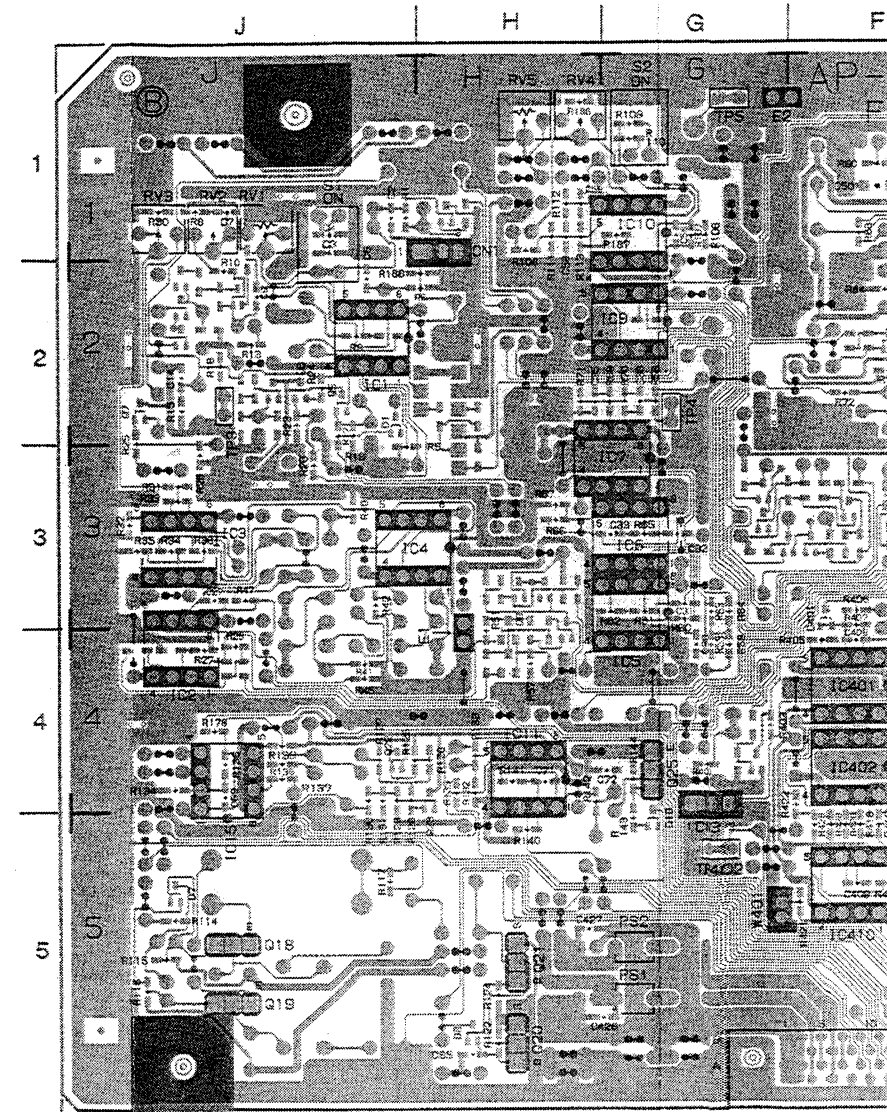
| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS84 | B-4 | FS149 | J-5 | RV1 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV2 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV3 | J-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV4 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV5 | H-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV201 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV202 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV203 | B-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV204 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | RV205 | C-1 |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | | |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S1 | J-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S2 | G-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S201 | A-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | S202 | C-1 |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | | |
| | | FS82 | H-1 | IC8 | F-2 | *TH1 | J-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | *TH2 | B-2 |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | | |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP3 | J-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP4 | G-2 |
| | | FS87 | H-1 | IC13 | D-4 | TP5 | G-1 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP203 | B-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP204 | C-2 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP205 | D-1 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP402 | G-5 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | TP403 | D-1 |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | | | | |

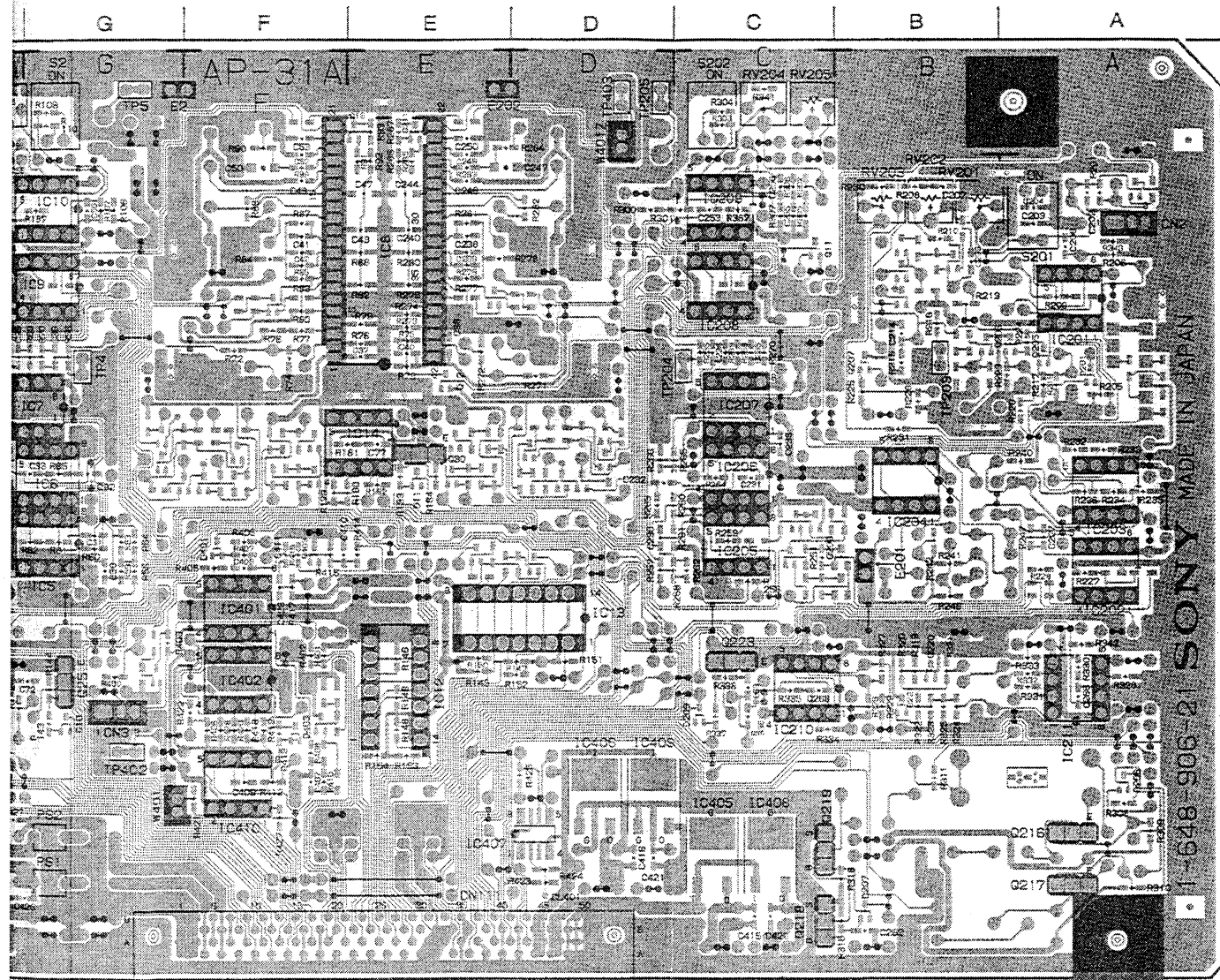
*: B SIDE

AP-31A; AUDIO/TC PB AMP., METER DRIVER



AP-31A 1-648-906-21 A SIDE





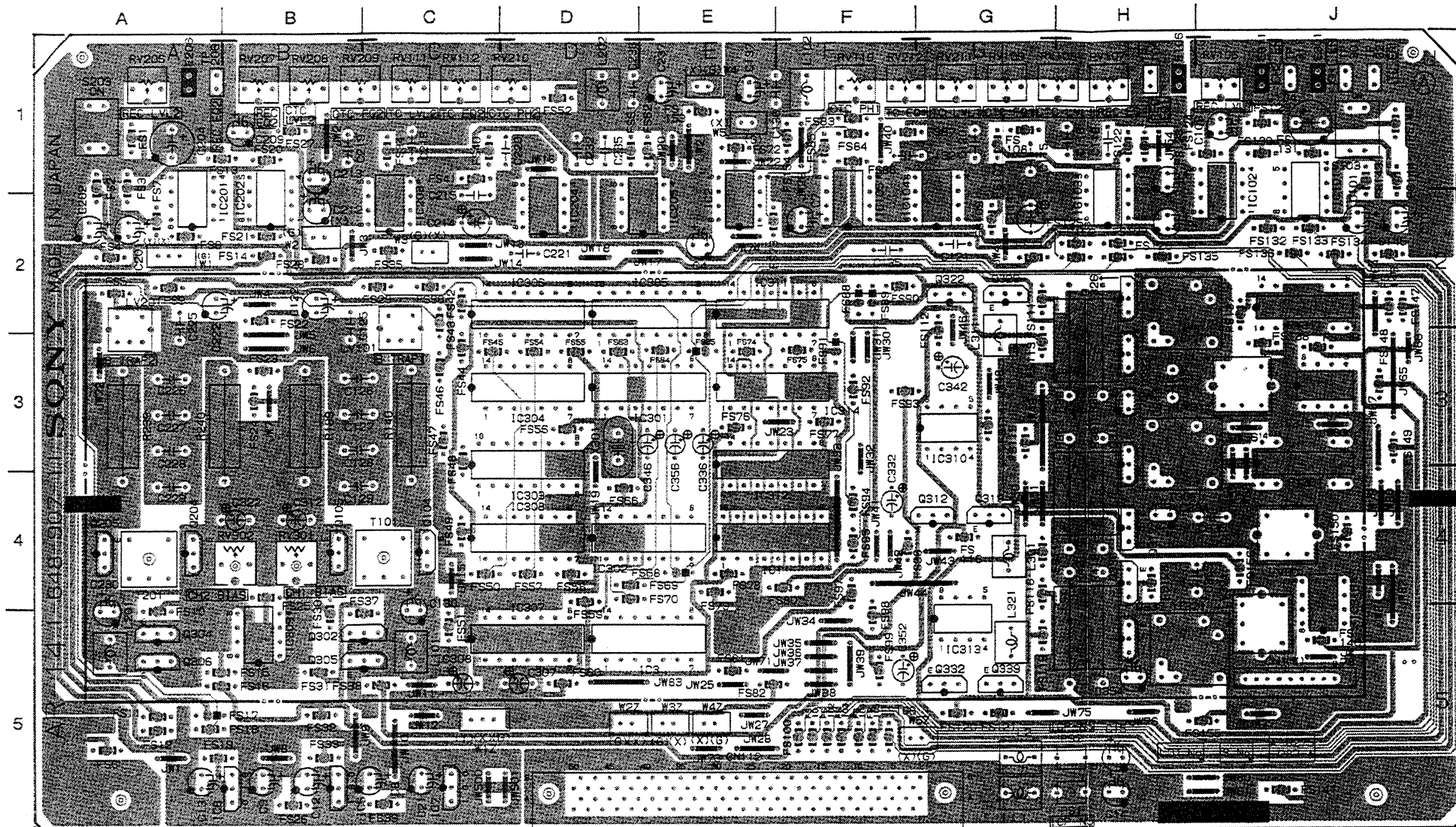
AP-31A 1-648-906-21 B SIDE

AP-31A(1-648-906-21)

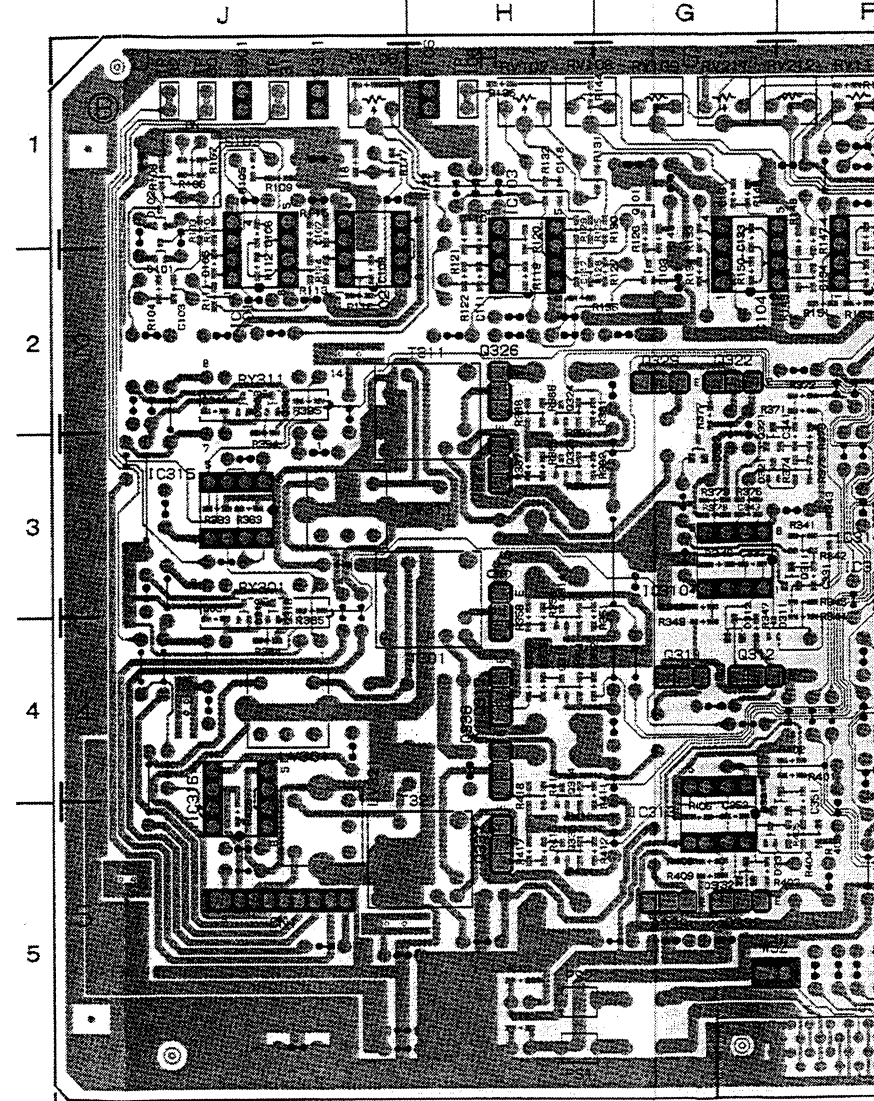
| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV2 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV3 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV4 | H-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV5 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV201 | B-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV202 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV203 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV204 | C-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV205 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | | |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | S1 | J-1 |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S2 | G-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S201 | A-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S202 | C-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | | |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | *TH1 | J-2 |
| | | FS82 | H-1 | IC8 | F-2 | *TH2 | B-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | | |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | TP3 | J-2 |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP4 | G-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP5 | G-1 |
| | | FS87 | H-1 | IC13 | D-4 | TP203 | B-2 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP204 | C-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP205 | D-1 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP402 | G-5 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP403 | D-1 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | | |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | RV1 | J-1 | | |

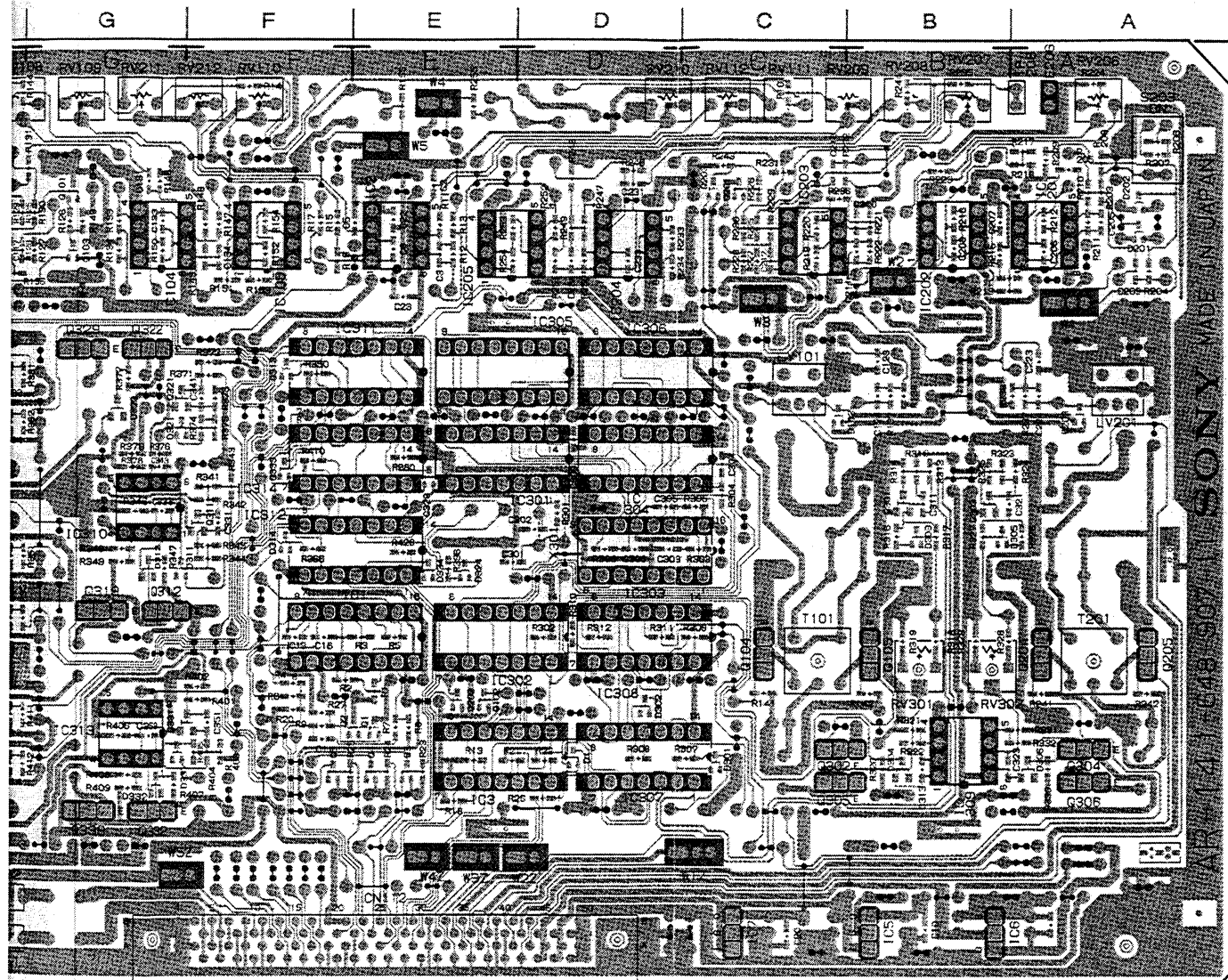
*: B SIDE

AR-14; AUDIO/TC REC AMP., AUDIO/TC ERASE OSC., AUDIO BIAS DRIVER



AR-14 1-648-907-11 A SIDE





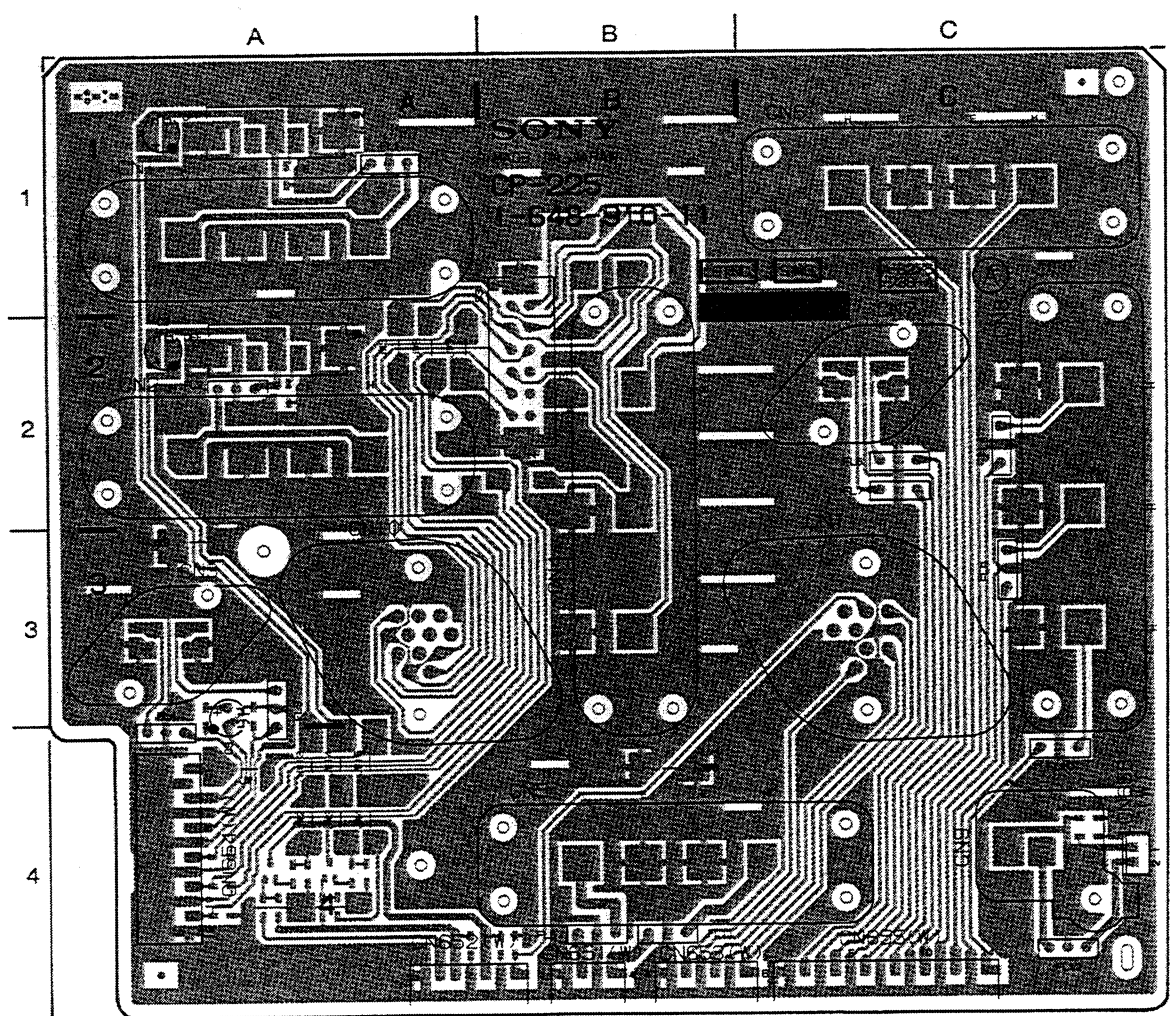
AR-14 1-648-907-11 B SIDE

AR-14(1-648-907-11)

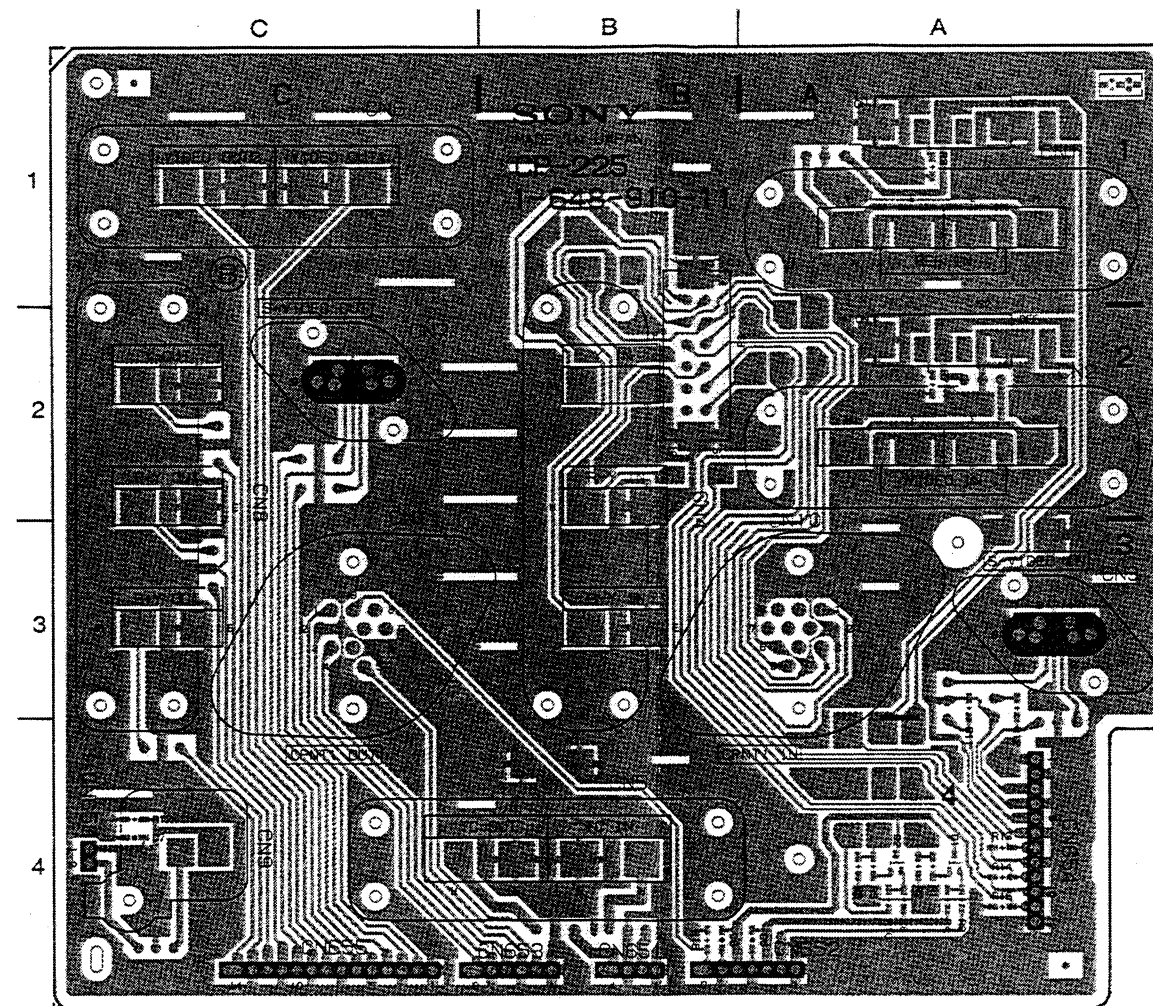
| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| CN1 | J-5 | FS44 | C-3 | FS123 | H-1 | *Q1 | E-5 | TP301 | J-1 |
| CN112 | E-5 | FS45 | C-3 | FS124 | J-1 | *Q2 | E-5 | TP311 | J-1 |
| | | FS46 | C-3 | FS125 | H-2 | *Q3 | E-5 | TP321 | J-1 |
| *D1 | D-5 | FS47 | C-3 | FS126 | H-2 | *Q4 | E-5 | X301 | D-3 |
| *D101 | J-2 | FS48 | C-3 | FS127 | H-2 | *Q5 | F-5 | | |
| *D102 | J-1 | FS49 | C-4 | FS128 | H-4 | *Q101 | G-1 | | |
| *D103 | C-3 | FS50 | C-4 | FS129 | J-1 | *Q102 | E-4 | | |
| *D201 | A-2 | FS51 | C-5 | FS130 | J-1 | *Q103 | G-2 | | |
| *D202 | A-1 | FS52 | D-1 | FS131 | J-1 | Q104 | C-4 | | |
| *D203 | A-3 | FS54 | D-3 | FS132 | J-2 | Q105 | B-4 | | |
| *D301 | C-5 | FS55 | D-3 | FS133 | J-2 | *Q201 | C-1 | | |
| *D302 | D-4 | FS56 | D-3 | FS134 | J-2 | *Q202 | E-4 | | |
| *D303 | B-3 | FS57 | D-4 | FS135 | H-2 | *Q203 | C-1 | | |
| *D304 | B-5 | FS58 | D-4 | FS136 | J-2 | Q204 | A-4 | | |
| *D305 | B-3 | FS59 | D-4 | FS137 | J-2 | Q205 | A-4 | | |
| *D306 | A-5 | FS60 | D-5 | FS138 | J-3 | *Q301 | B-3 | | |
| *D311 | G-4 | FS61 | D-1 | FS139 | J-3 | Q302 | C-5 | | |
| *D312 | G-4 | FS62 | E-1 | FS140 | J-5 | *Q303 | B-3 | | |
| *D313 | J-3 | FS63 | D-3 | FS141 | J-5 | Q304 | A-5 | | |
| *D314 | F-3 | FS64 | E-3 | FS142 | J-1 | Q305 | C-5 | | |
| *D321 | G-3 | FS65 | E-3 | FS143 | J-1 | Q306 | A-5 | | |
| *D322 | G-3 | FS66 | D-4 | FS144 | J-1 | *Q311 | F-3 | | |
| *D323 | J-2 | FS68 | E-4 | FS145 | J-2 | Q312 | G-4 | | |
| *D324 | E-4 | FS69 | D-4 | FS146 | J-2 | *Q313 | F-2 | | |
| *D331 | G-5 | FS70 | D-4 | FS147 | J-2 | *Q314 | H-4 | | |
| *D332 | G-5 | FS72 | E-1 | FS148 | J-3 | *Q315 | H-4 | | |
| *D334 | E-4 | FS73 | E-2 | FS149 | J-3 | Q316 | H-3 | | |
| | | FS74 | E-3 | FS150 | J-4 | Q317 | H-4 | | |
| E106 | H-1 | FS75 | F-3 | FS152 | H-2 | *Q318 | J-3 | | |
| E206 | A-1 | FS76 | E-3 | FS153 | E-1 | Q319 | G-4 | | |
| E301 | J-1 | FS77 | F-3 | FS154 | F-1 | *Q321 | G-3 | | |
| E311 | J-1 | FS78 | E-4 | FS155 | J-5 | Q322 | G-2 | | |
| | | FS79 | E-4 | FS156 | J-4 | *Q323 | E-3 | | |
| FS1 | A-1 | FS80 | F-4 | | | *Q324 | H-2 | | |
| FS2 | A-1 | FS81 | E-5 | IC1 | E-4 | *Q325 | H-3 | | |
| FS3 | A-1 | FS82 | E-5 | IC2 | E-2 | Q326 | H-2 | | |
| FS4 | A-2 | FS83 | F-1 | IC3 | D-5 | Q327 | H-3 | | |
| FS5 | A-2 | FS84 | F-1 | IC5 | B-5 | *Q328 | J-2 | | |
| FS6 | A-5 | FS85 | F-1 | IC6 | B-5 | Q329 | G-2 | | |
| FS7 | A-2 | FS86 | F-1 | IC7 | C-5 | *Q331 | F-5 | | |
| FS8 | A-2 | FS87 | F-1 | IC101 | J-2 | Q332 | G-5 | | |
| FS9 | A-2 | FS88 | F-2 | IC102 | J-2 | *Q333 | F-3 | | |
| FS10 | A-5 | FS89 | F-2 | IC103 | H-2 | *Q334 | H-4 | | |
| FS11 | A-5 | FS90 | F-2 | IC104 | G-2 | *Q335 | H-5 | | |
| FS12 | A-5 | FS91 | F-3 | IC105 | F-2 | Q336 | H-4 | | |
| FS13 | B-1 | FS92 | F-3 | IC201 | A-2 | Q337 | H-5 | | |
| FS14 | B-2 | FS93 | F-3 | IC202 | B-2 | Q339 | G-5 | | |
| FS15 | B-5 | FS94 | F-4 | IC203 | C-2 | | | | |
| FS16 | B-5 | FS95 | F-4 | IC204 | D-2 | RV106 | J-1 | | |
| FS17 | A-5 | FS96 | F-4 | IC205 | E-2 | RV107 | H-1 | | |
| FS18 | A-5 | FS97 | F-4 | IC301 | D-3 | RV108 | H-1 | | |
| FS19 | A-5 | FS98 | F-5 | IC302 | D-4 | RV109 | G-1 | | |
| FS20 | B-1 | FS99 | F-5 | IC303 | C-4 | RV110 | F-1 | | |
| FS21 | B-2 | FS100 | F-5 | IC304 | C-3 | RV111 | C-1 | | |
| FS22 | B-2 | FS101 | F-5 | IC305 | D-3 | RV112 | C-1 | | |
| FS23 | B-3 | FS102 | F-5 | IC306 | C-3 | RV206 | A-1 | | |
| FS24 | B-3 | FS103 | F-5 | IC307 | C-5 | RV207 | B-1 | | |
| FS25 | B-4 | FS104 | F-5 | IC308 | C-4 | RV208 | B-1 | | |
| FS26 | B-5 | FS105 | F-5 | IC309 | B-5 | RV209 | B-1 | | |
| FS27 | B-1 | FS106 | F-5 | IC310 | G-3 | RV210 | D-1 | | |
| FS28 | B-2 | FS107 | G-1 | IC311 | E-3 | RV211 | G-1 | | |
| FS29 | C-2 | FS108 | G-1 | IC312 | E-4 | RV212 | F-1 | | |
| FS30 | B-5 | FS109 | G-2 | IC313 | G-5 | RV301 | B-4 | | |
| FS31 | B-5 | FS110 | G-2 | IC314 | E-3 | RV302 | B-4 | | |
| FS32 | B-5 | FS111 | G-2 | IC315 | J-3 | | | | |
| FS33 | B-5 | FS112 | G-2 | IC316 | J-5 | RY301 | J-3 | | |
| FS34 | C-1 | FS113 | G-3 | | | RY311 | J-2 | | |
| FS35 | C-2 | FS114 | G-3 | LV101 | C-2 | | | | |
| FS36 | C-2 | FS115 | G-3 | LV201 | A-2 | S103 | J-1 | | |
| FS37 | C-5 | FS116 | G-4 | LV301 | J-4 | S203 | A-1 | | |
| FS38 | C-5 | FS117 | G-4 | LV311 | J-3 | | | | |
| FS39 | C-5 | FS118 | G-4 | LV321 | J-5 | *TH1 | G-2 | | |
| FS40 | C-1 | FS119 | G-5 | | | *TH2 | C-2 | | |
| FS41 | C-1 | FS120 | G-5 | PS1 | H-5 | | | | |
| FS42 | C-2 | FS121 | G-5 | PS2 | H-5 | TP106 | H-1 | | |
| FS43 | C-2 | FS122 | H-1 | | | TP206 | A-1 | | |

*: B SIDE

CP-225; VIDEO INPUT/OUTPUT CONNECTOR

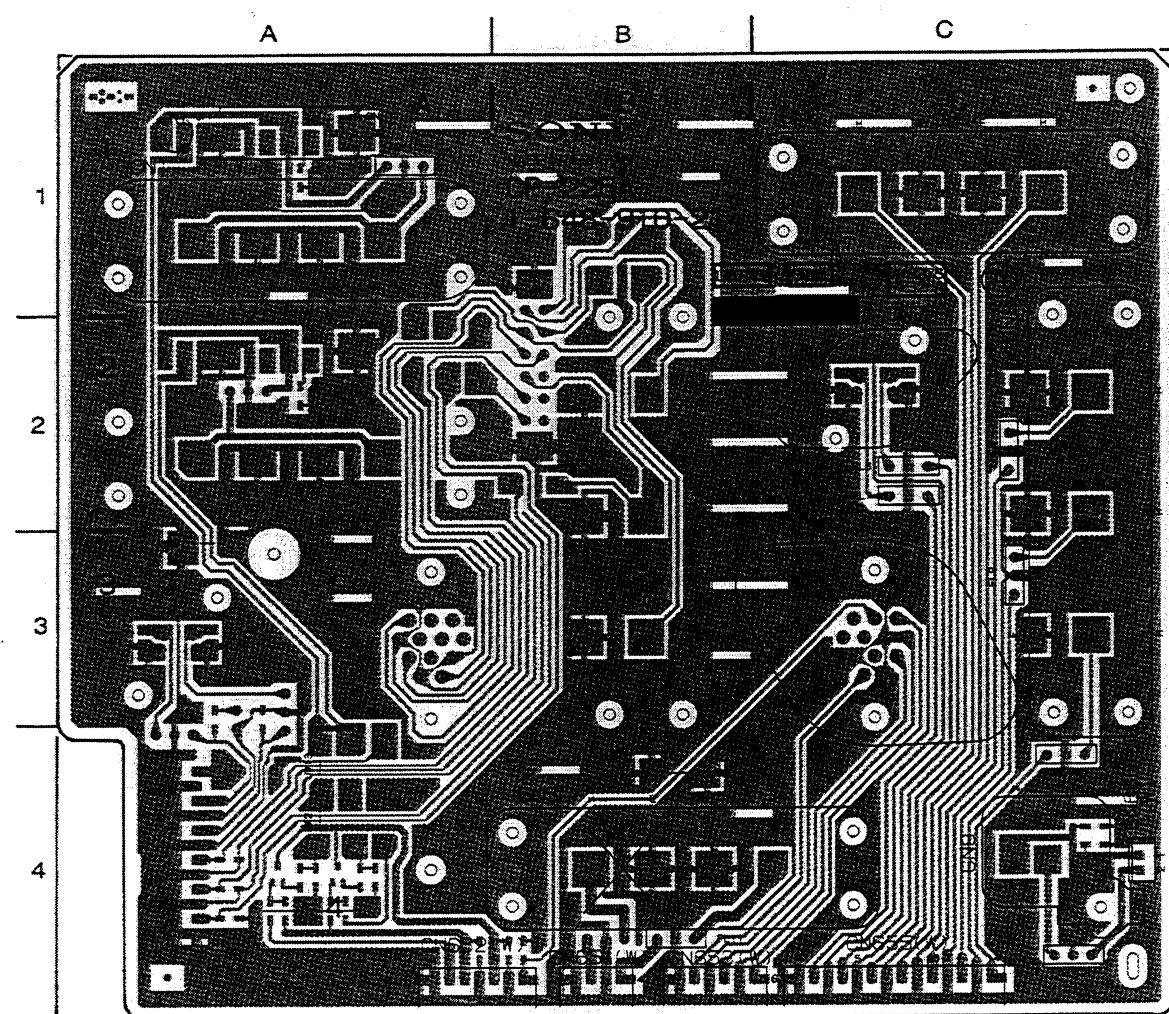


CP-225 1-648-910-11 A SIDE

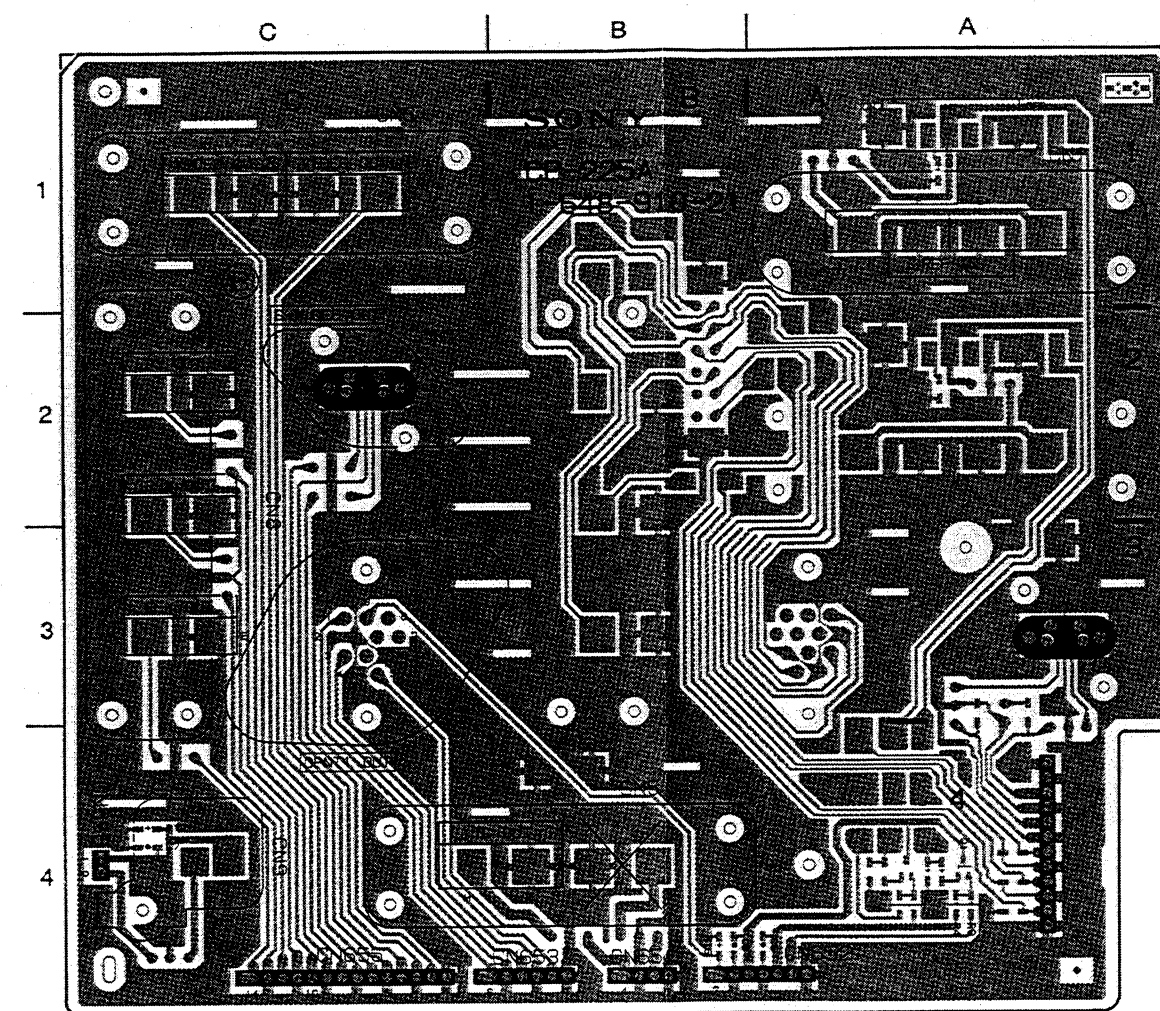


CP-225 1-648-910-11 B SIDE

CP-225A; VIDEO OUTPUT CONNECTOR

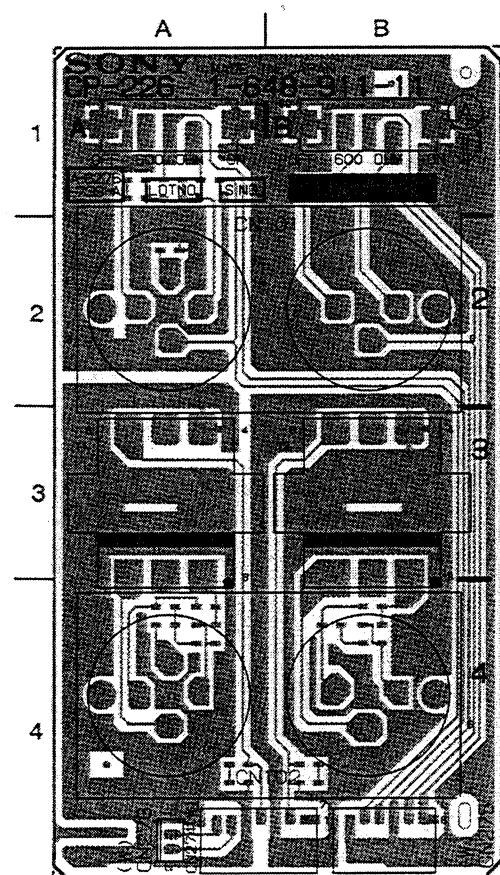


CP-225A 1-648-910-21 A SIDE

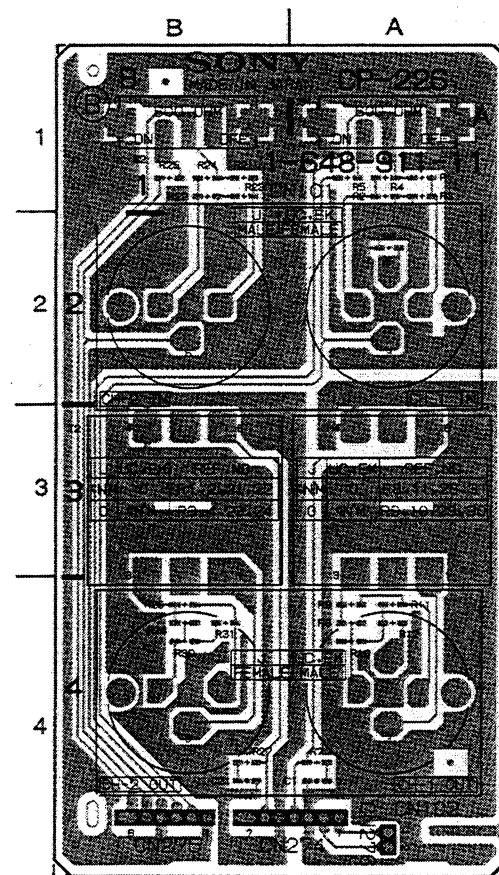


CP-225A 1-648-910-21 B SIDE

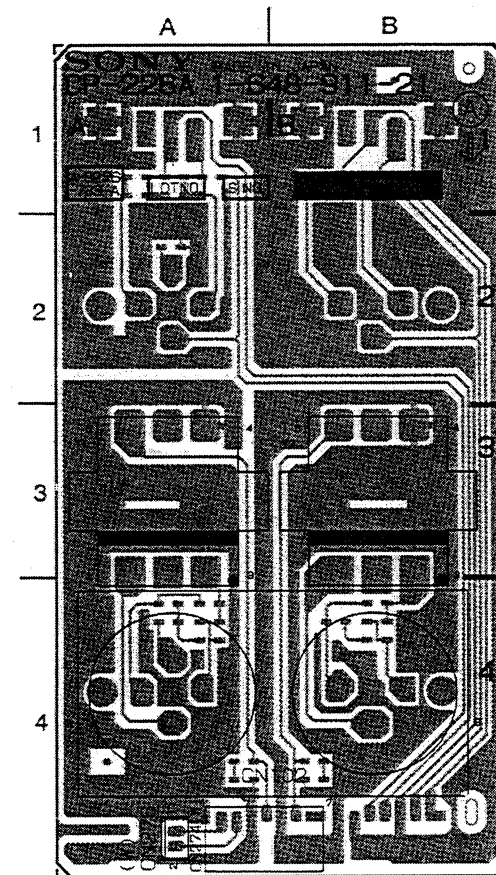
CP-226 : AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR UC)
 CP-226J : AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR J)
 CP-226A : AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR UC)
 CP-226AJ : AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR J)



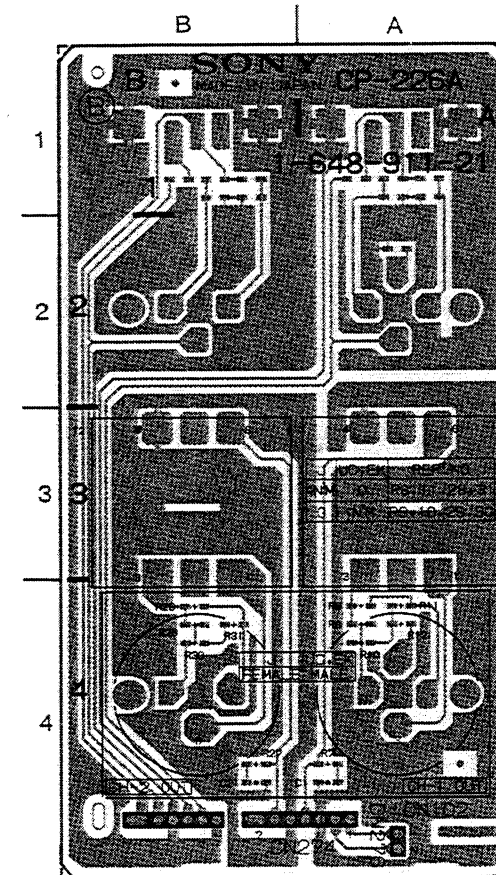
CP-226/226J 1-648-911-11 A SIDE



CP-226/226J 1-648-911-11 B SIDE



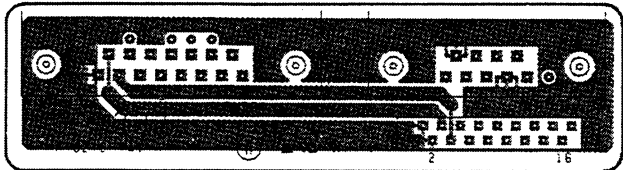
CP-226A/226AJ 1-648-911-21 A SIDE



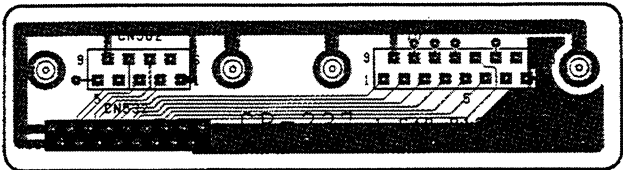
CP-226A/226AJ 1-648-911-21 B SIDE

CP-237 ; TBC/9P REMOTE CONNECTOR

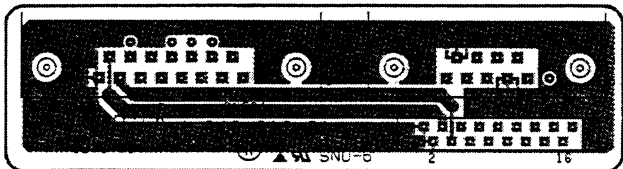
CP-237A ; TBC/9P REMOTE CONNECTOR



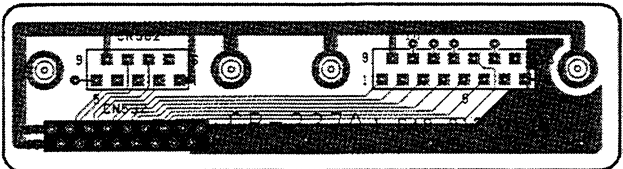
CP-237 1-648-912-11 A SIDE



CP-237 1-648-912-11 B SIDE

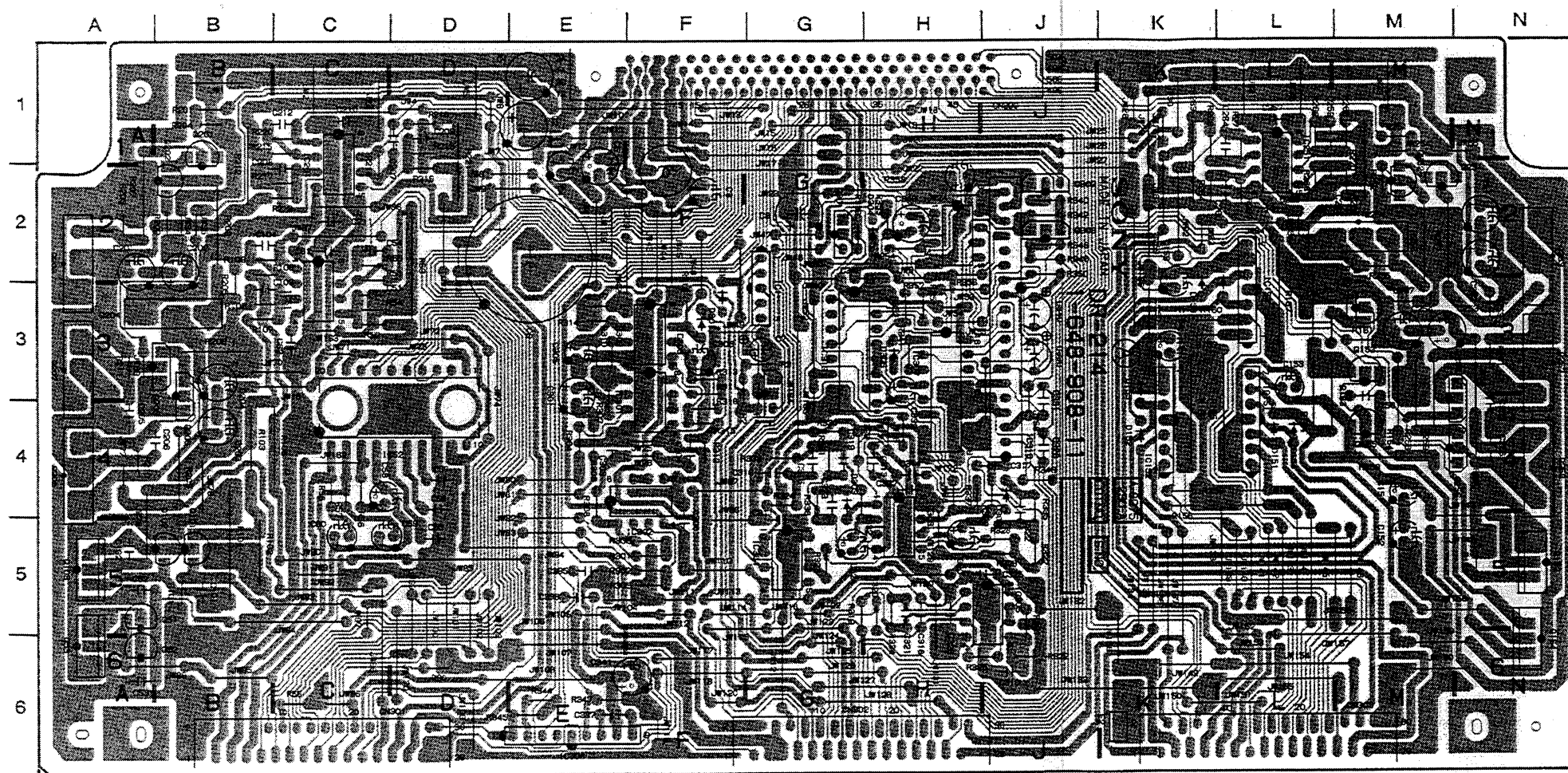


CP-237A 1-648-912-21 A SIDE

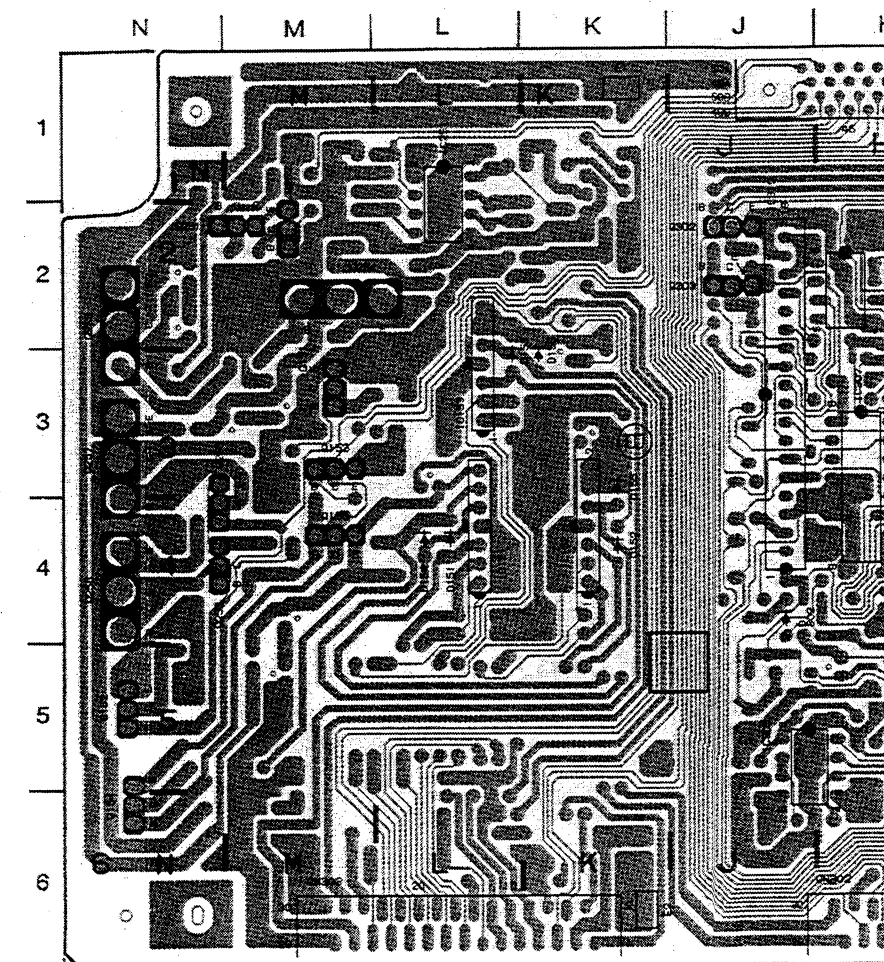


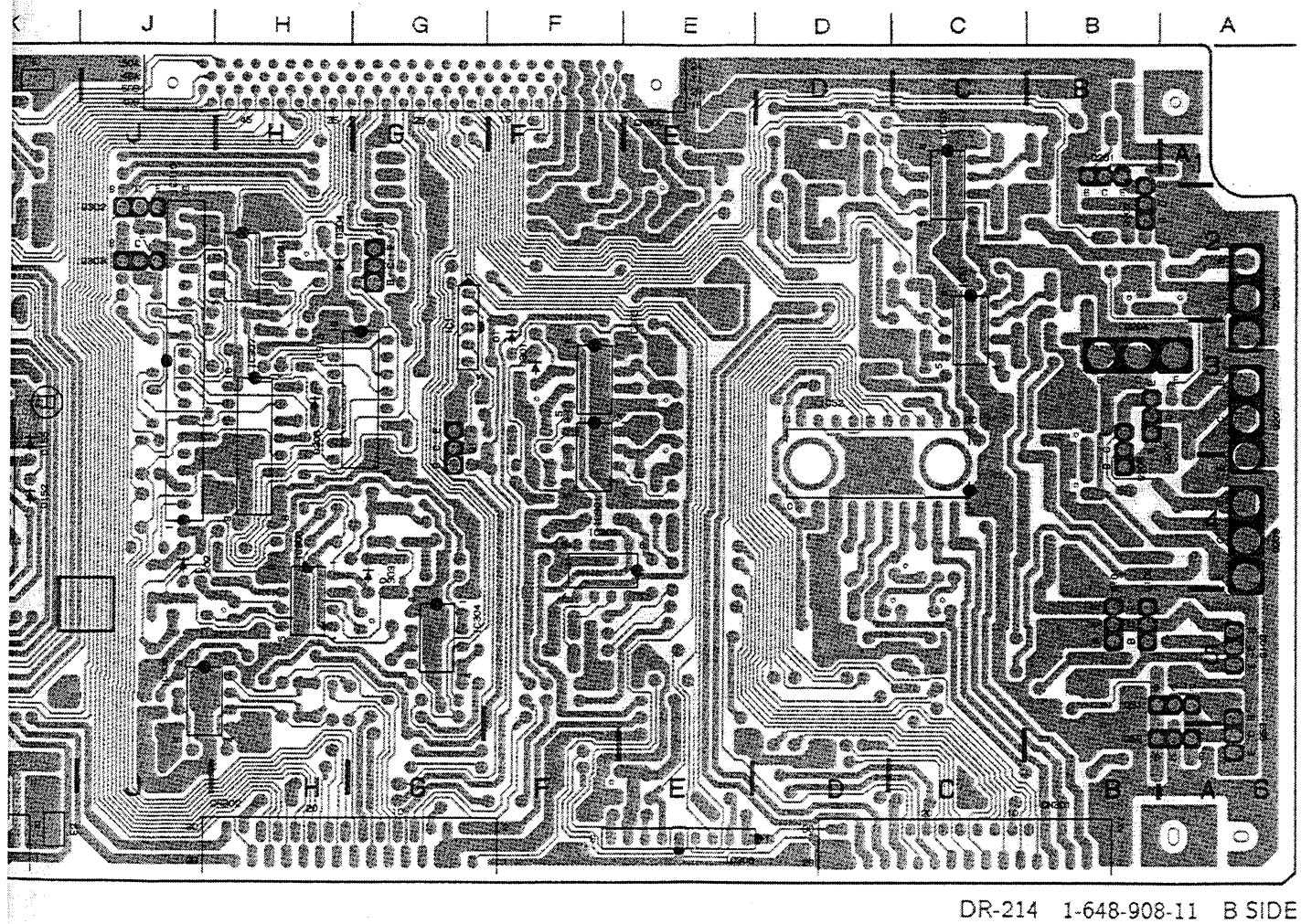
CP-237A 1-648-912-21 B SIDE

DR-214; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL REC/PB AMP.



DR-214 1-648-908-11 A SIDE





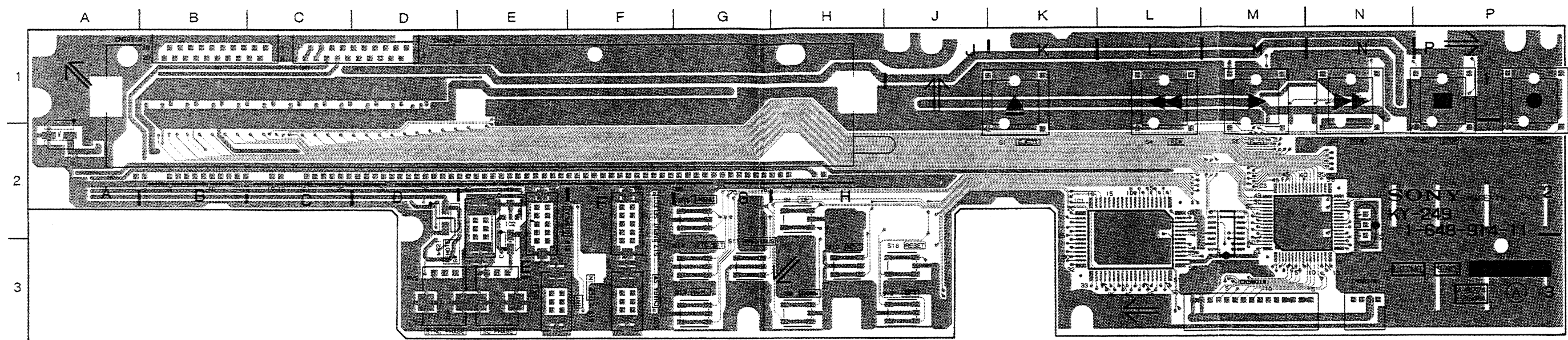
DR-214 1-648-908-11 B SIDE

DR-214(1-648-908-11)

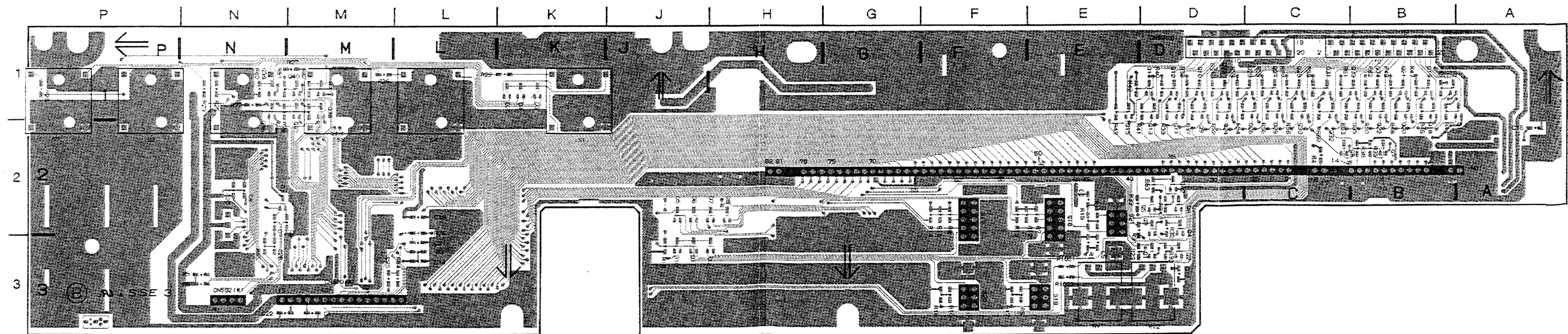
- | | |
|-------|-----|
| CN300 | H-1 |
| CN301 | C-5 |
| CN302 | H-5 |
| CN303 | L-5 |
| D1 | G-2 |
| D151 | L-3 |
| D152 | K-3 |
| D153 | L-2 |
| D154 | M-3 |
| D155 | K-3 |
| D156 | L-2 |
| D301 | G-2 |
| D302 | J-4 |
| D303 | H-4 |
| D304 | H-2 |
| D306 | H-3 |
| E1 | K-1 |
| E2 | K-5 |
| IC1 | G-2 |
| IC51 | C-2 |
| IC52 | D-3 |
| IC151 | L-4 |
| IC152 | L-4 |
| IC153 | L-2 |
| IC201 | C-1 |
| IC251 | L-1 |
| IC301 | F-3 |
| IC302 | F-4 |
| IC303 | F-2 |
| IC304 | G-4 |
| IC305 | J-5 |
| IC306 | H-4 |
| IC307 | J-2 |
| IC308 | E-5 |
| IC310 | J-3 |
| IC311 | J-1 |
| IC313 | H-2 |
| Q1 | G-3 |
| Q51 | B-5 |
| Q52 | B-5 |
| Q53 | B-5 |
| Q101 | B-4 |
| Q102 | B-4 |
| Q103 | B-4 |
| Q151 | M-2 |
| Q152 | N-4 |
| Q153 | M-3 |
| Q154 | N-5 |
| Q155 | M-3 |
| Q201 | B-1 |
| Q202 | B-1 |
| Q203 | B-2 |
| Q204 | B-2 |
| Q205 | B-3 |
| Q206 | B-3 |
| Q207 | B-3 |
| Q208 | B-4 |
| Q251 | N-1 |
| Q252 | N-1 |
| Q253 | N-2 |
| Q254 | M-2 |
| Q255 | N-3 |
| Q256 | N-3 |
| Q257 | N-3 |
| Q258 | N-4 |
| Q301 | H-2 |
| Q302 | K-1 |
| Q303 | K-2 |

*: B SIDE

KY-249; FUNCTION KEY



KY-249 1-648-914-11 A SIDE



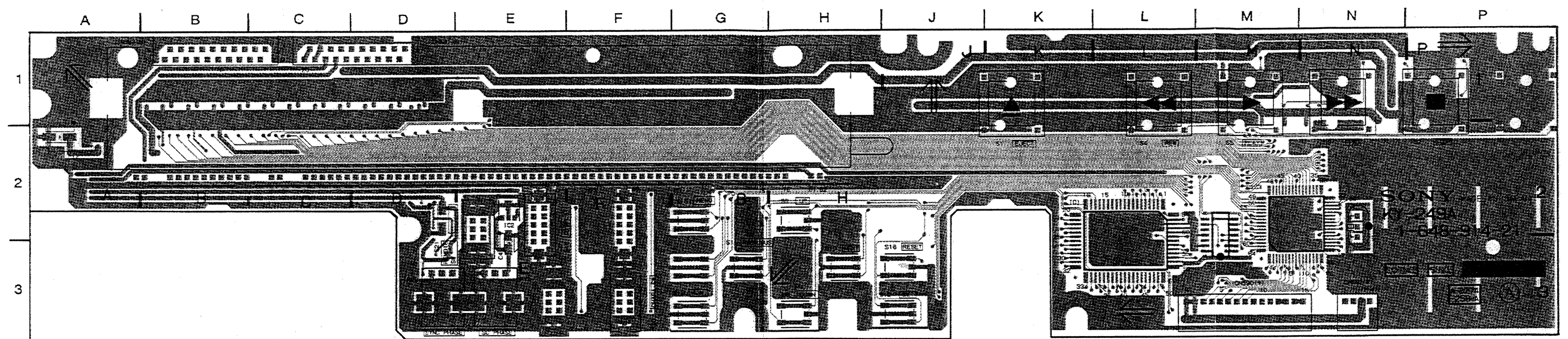
KY-249 1-648-914-11 B SIDE

KY-249(1-648-914-11)

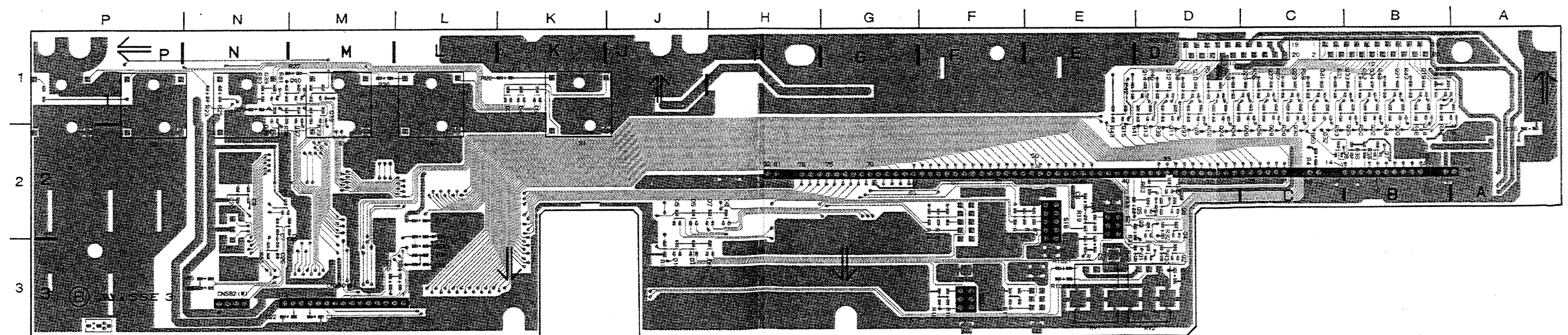
| | | | |
|-------|-----|-----|-----|
| CN590 | M-3 | S8 | H-2 |
| CN591 | D-1 | S9 | H-3 |
| CN592 | N-3 | S10 | H-3 |
| CN593 | B-1 | S11 | G-3 |
| | | S12 | J-3 |
| *D1 | N-2 | S13 | G-3 |
| *D2 | K-1 | S14 | G-3 |
| *D3 | K-1 | S15 | G-2 |
| *D4 | K-1 | S16 | E-2 |
| *D5 | J-2 | S17 | F-2 |
| *D6 | J-2 | S18 | J-3 |
| *D7 | H-2 | S19 | E-3 |
| *D8 | H-2 | S20 | F-3 |
| *D9 | H-3 | S21 | E-2 |
| *D10 | J-3 | | |
| *D11 | J-3 | X1 | N-2 |
| | | | |
| IC1 | L-3 | | |
| IC2 | E-2 | | |
| IC3 | M-2 | | |
| IC6 | M-3 | | |
| | | | |
| ND1 | E-2 | | |
| | | | |
| *Q1 | D-3 | | |
| *Q2 | D-3 | | |
| *Q3 | D-2 | | |
| *Q4 | D-2 | | |
| *Q5 | D-2 | | |
| *Q6 | D-2 | | |
| *Q7 | B-2 | | |
| *Q8 | C-2 | | |
| *Q9 | D-1 | | |
| *Q10 | D-1 | | |
| *Q11 | D-1 | | |
| *Q12 | D-1 | | |
| *Q13 | D-1 | | |
| *Q14 | D-1 | | |
| *Q15 | E-1 | | |
| *Q16 | A-1 | | |
| *Q17 | B-1 | | |
| *Q18 | B-1 | | |
| *Q19 | B-1 | | |
| *Q20 | B-1 | | |
| *Q21 | B-1 | | |
| *Q22 | B-1 | | |
| *Q23 | D-1 | | |
| *Q24 | D-1 | | |
| *Q25 | C-1 | | |
| *Q26 | C-1 | | |
| *Q27 | C-1 | | |
| *Q28 | C-1 | | |
| *Q29 | C-1 | | |
| *Q30 | C-1 | | |
| *Q31 | C-1 | | |
| *Q32 | C-1 | | |
| *Q33 | B-1 | | |
| *Q34 | B-1 | | |
| *Q35 | B-1 | | |
| *Q36 | N-1 | | |
| *Q37 | M-1 | | |
| *Q38 | M-1 | | |
| *Q39 | N-1 | | |
| *Q40 | M-1 | | |
| *Q41 | M-1 | | |
| *Q42 | D-2 | | |
| | | | |
| RV1 | E-3 | | |
| RV2 | D-3 | | |
| | | | |
| S1 | K-1 | | |
| S2 | P-1 | | |
| S3 | N-1 | | |
| S4 | L-1 | | |
| S5 | M-1 | | |
| S7 | P-1 | | |

*: B SIDE

KY-249A; FUNCTION KEY



KY-249A 1-648-914-21 A SIDE



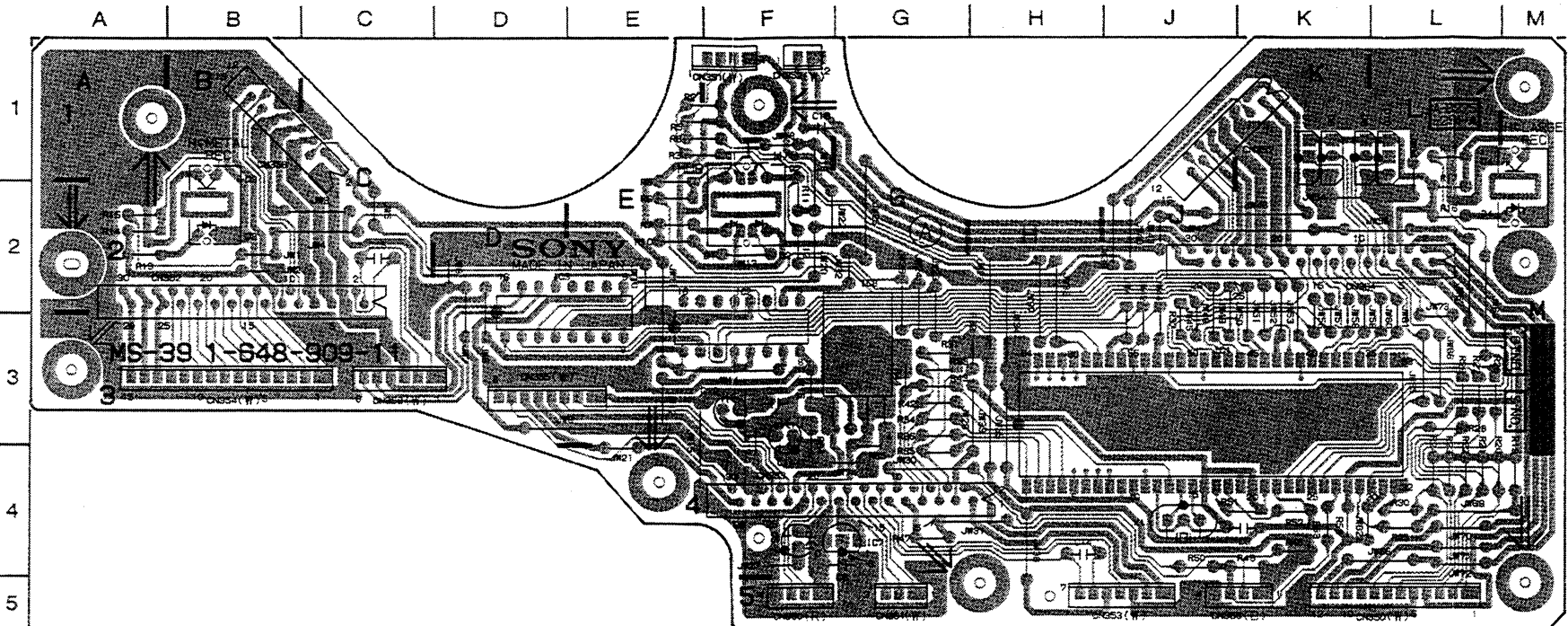
KY-249A 1-648-914-21 B SIDE

KY-249A(1-648-914-21)

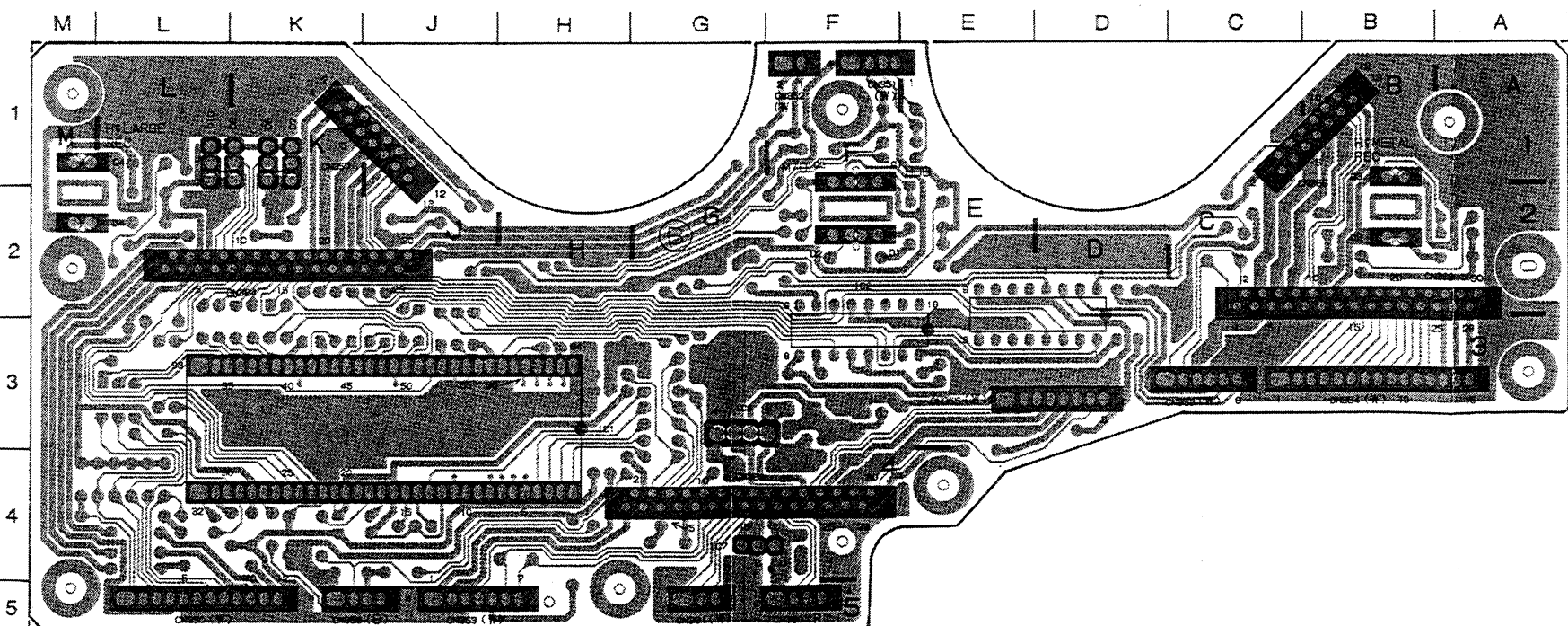
| | | | |
|-------|-----|-----|-----|
| CN590 | M-3 | S10 | H-3 |
| CN591 | D-1 | S11 | G-3 |
| CN592 | N-3 | S12 | J-3 |
| CN593 | B-1 | S13 | G-3 |
| | | S15 | G-2 |
| *D1 | N-2 | S16 | E-2 |
| *D2 | K-1 | S18 | J-3 |
| *D3 | K-1 | S20 | F-3 |
| *D4 | K-1 | S21 | E-2 |
| *D5 | J-2 | | |
| *D6 | J-2 | X1 | N-2 |
| *D7 | H-2 | | |
| *D8 | H-2 | | |
| *D9 | H-3 | | |
| *D10 | J-3 | | |
| *D11 | J-3 | | |
| IC1 | L-3 | | |
| IC2 | E-2 | | |
| IC3 | M-2 | | |
| IC6 | M-3 | | |
| ND1 | E-2 | | |
| *Q1 | D-3 | | |
| *Q2 | D-3 | | |
| *Q3 | D-2 | | |
| Q4 | D-2 | | |
| *Q5 | D-2 | | |
| *Q6 | D-2 | | |
| *Q7 | B-2 | | |
| *Q8 | C-2 | | |
| *Q9 | D-1 | | |
| *Q10 | D-1 | | |
| *Q11 | D-1 | | |
| *Q12 | D-1 | | |
| *Q13 | D-1 | | |
| *Q14 | D-1 | | |
| *Q15 | E-1 | | |
| *Q16 | A-1 | | |
| *Q17 | B-1 | | |
| *Q18 | B-1 | | |
| *Q19 | B-1 | | |
| *Q20 | B-1 | | |
| *Q21 | B-1 | | |
| *Q22 | B-1 | | |
| *Q23 | D-1 | | |
| *Q24 | D-1 | | |
| *Q25 | C-1 | | |
| *Q26 | C-1 | | |
| *Q27 | C-1 | | |
| *Q28 | C-1 | | |
| *Q29 | C-1 | | |
| *Q30 | C-1 | | |
| *Q31 | C-1 | | |
| *Q32 | C-1 | | |
| *Q33 | B-1 | | |
| *Q34 | B-1 | | |
| *Q35 | B-1 | | |
| *Q36 | N-1 | | |
| *Q37 | M-1 | | |
| *Q38 | M-1 | | |
| *Q39 | N-1 | | |
| *Q40 | M-1 | | |
| *Q42 | D-2 | | |
| RV1 | E-3 | | |
| RV2 | D-3 | | |
| S1 | K-1 | | |
| S2 | P-1 | | |
| S3 | N-1 | | |
| S4 | L-1 | | |
| S5 | M-1 | | |
| S8 | H-2 | | |
| S9 | H-3 | | |

*: B SIDE

MS-39/39A ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE



MS-39/39A 1-648-909-11 A SIDE



MS-39/39A 1-648-909-11 B SIDE

MS-39/39A(1-648-909-11)

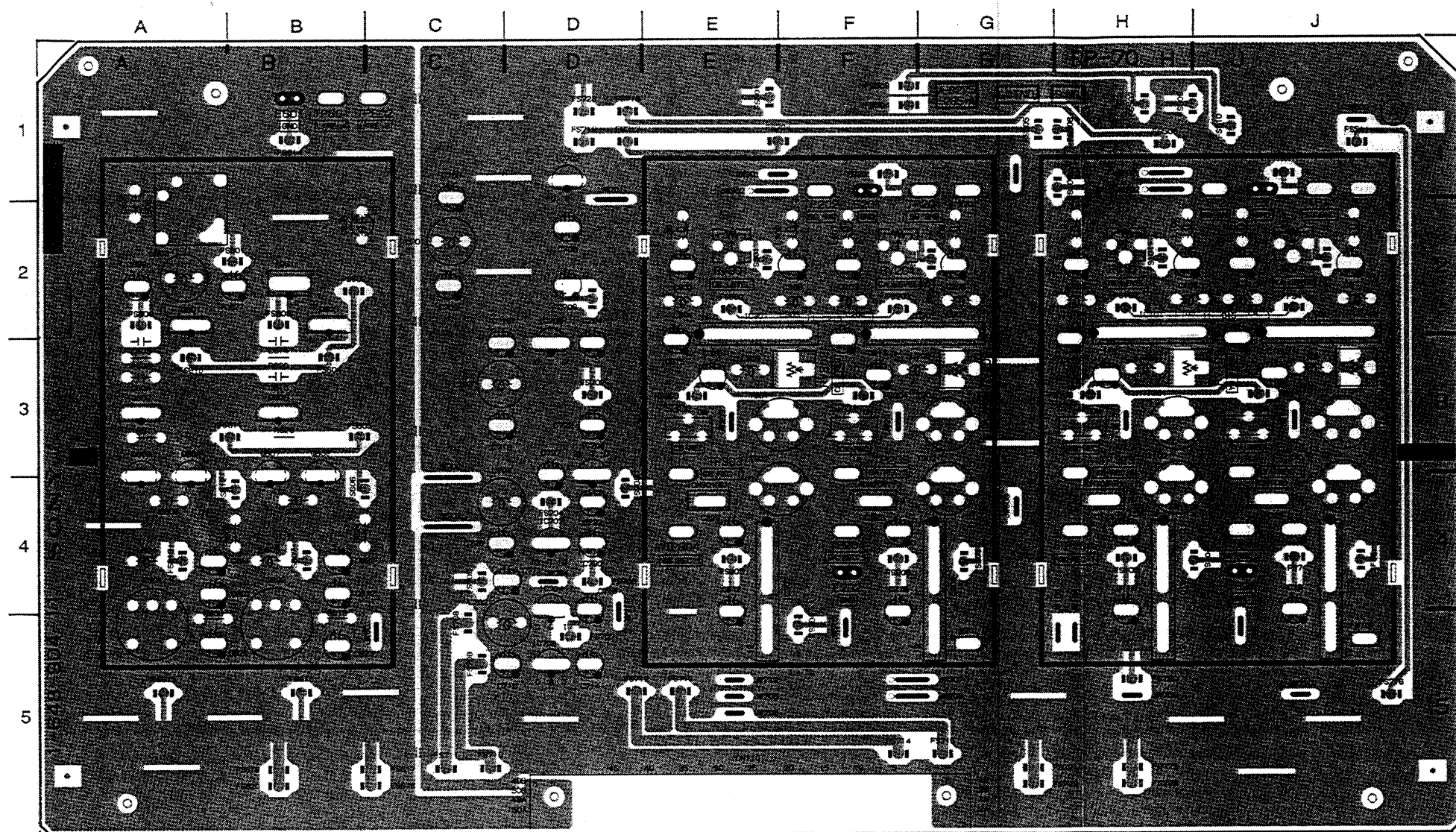
| | |
|-------|-----|
| CN350 | L-5 |
| CN351 | F-1 |
| CN352 | F-1 |
| CN353 | J-5 |
| CN354 | B-3 |
| CN355 | D-3 |
| CN356 | B-1 |
| CN357 | J-1 |
| CN358 | C-3 |
| CN359 | K-5 |
| CN360 | F-5 |
| CN361 | G-5 |
| CN362 | B-2 |
| CN363 | G-4 |
| CN364 | K-2 |
| | |
| D1 | F-2 |
| D2 | F-2 |
| D3 | B-2 |
| D4 | M-2 |
| D7 | K-1 |
| D8 | K-1 |
| D9 | K-1 |
| D10 | L-1 |
| | |
| IC1 | H-4 |
| IC2 | E-3 |
| IC3 | D-3 |
| IC7 | G-4 |
| IC8 | G-3 |
| | |
| Q1 | F-1 |
| Q2 | F-1 |
| Q3 | B-1 |
| Q4 | M-1 |
| | |
| X1 | J-4 |

*: B SIDE
_: UVW-1800 ONLY

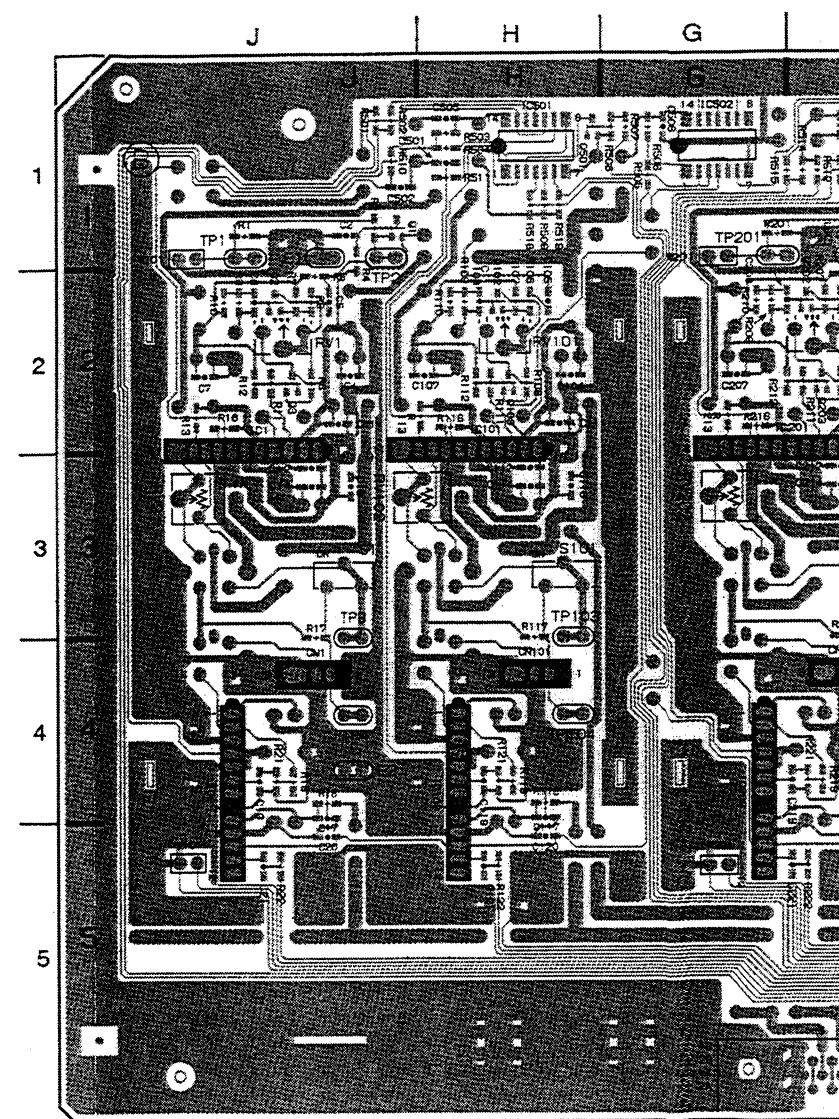
RP-70

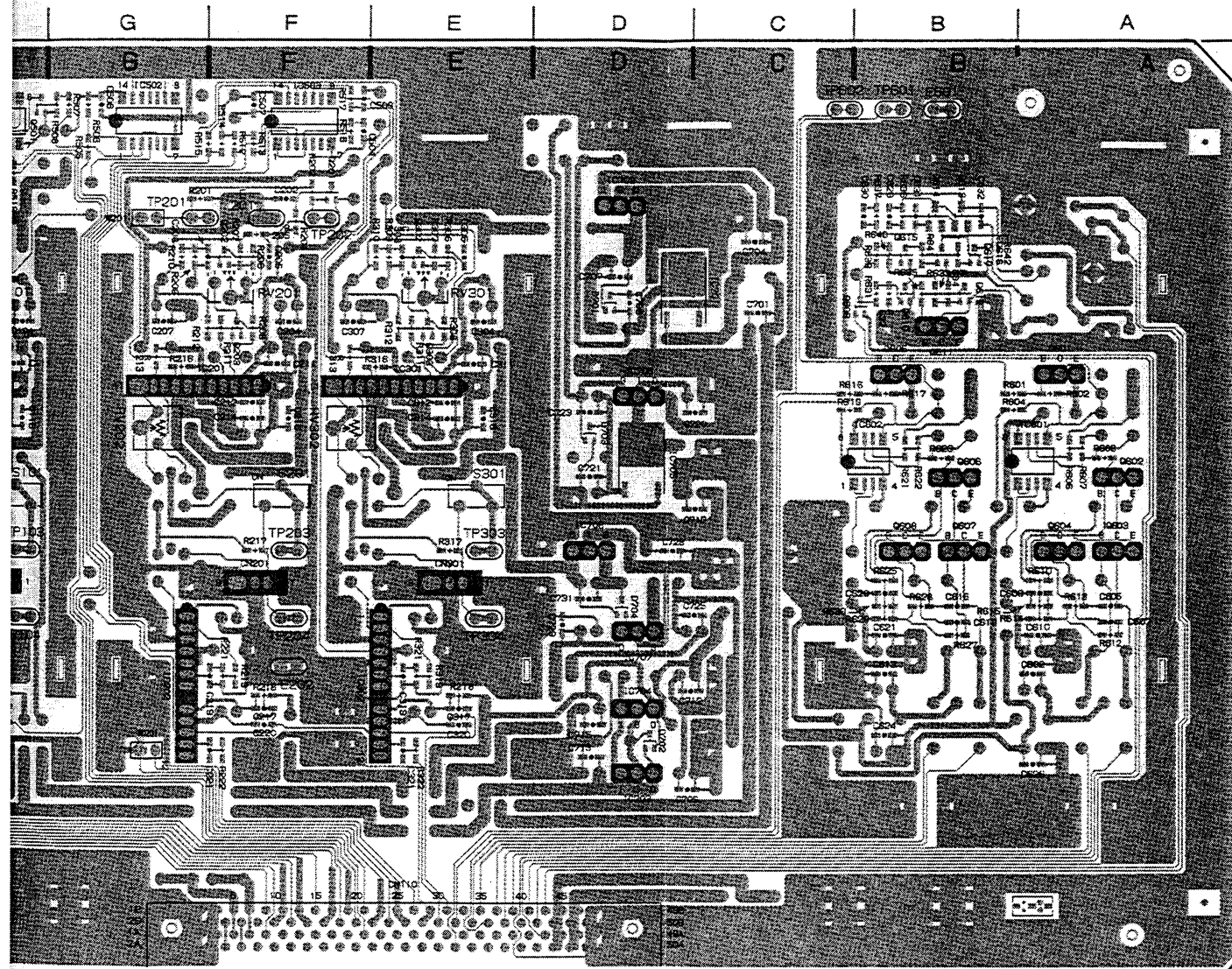
RP-70

RP-70 ; RF REC/PB AMP., ROTARY ERASE OSC., FULL ERASE OSC.



RP-70 1-648-904-11 A SIDE





RP-70 1-648-904-11 B SIDE

RP-70(1-648-904-11)

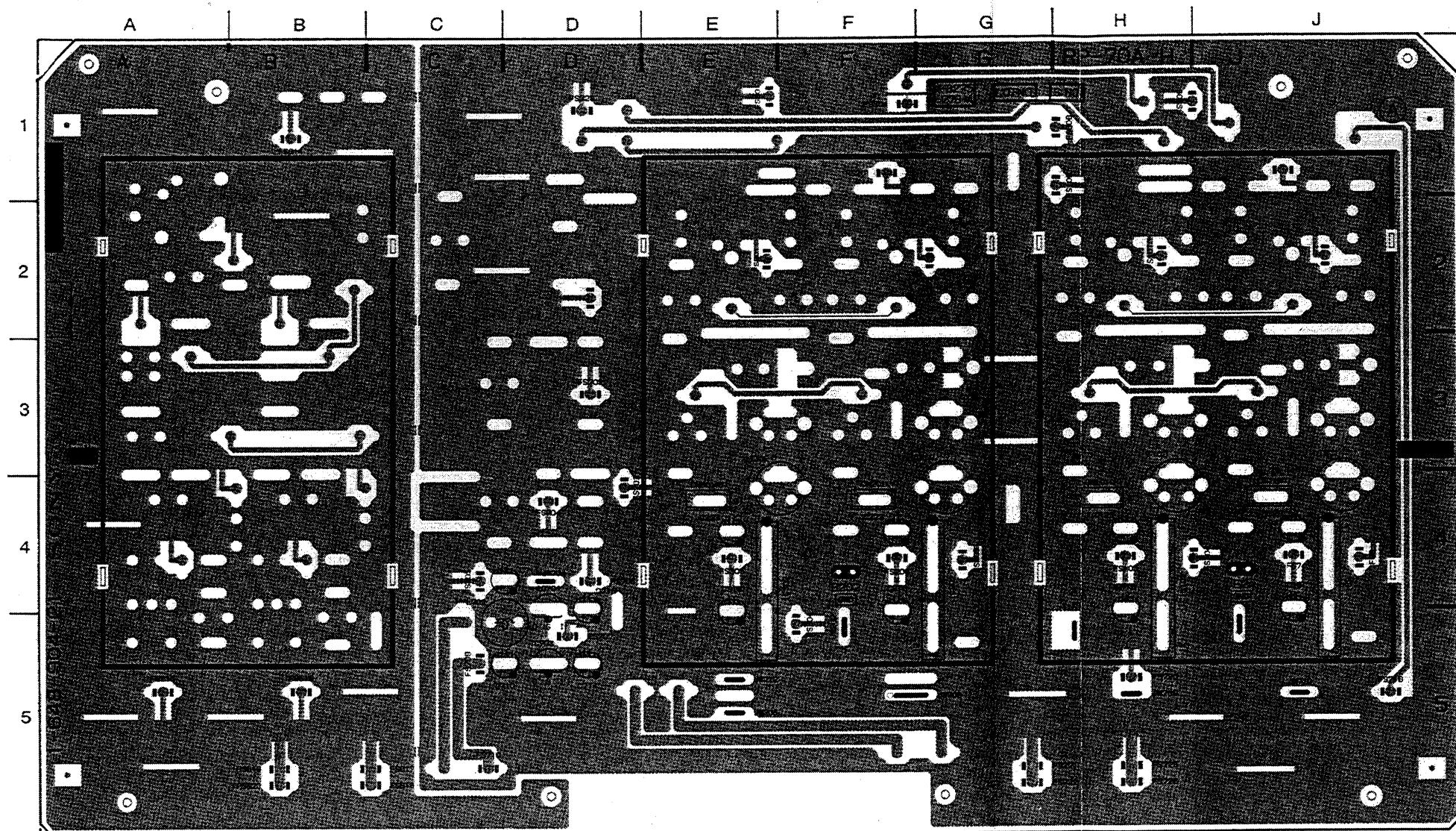
| | | | | | |
|-------|-----|--------|-----|-------|-----|
| CN1 | J-4 | FS708 | C-5 | RV202 | G-3 |
| CN101 | H-4 | FS709 | C-5 | RV301 | E-2 |
| CN110 | E-5 | FS710 | C-5 | RV302 | F-3 |
| CN201 | F-4 | FS711 | C-5 | | |
| CN301 | E-4 | FS712 | D-5 | S1 | J-3 |
| | | FS713 | E-5 | S101 | H-3 |
| *D701 | D-2 | FS714 | F-5 | S201 | F-3 |
| *D702 | D-5 | FS715 | G-5 | S301 | E-3 |
| *D703 | D-3 | FS716 | J-5 | | |
| *D704 | D-4 | FS717 | D-1 | TP1 | J-1 |
| | | FS718 | D-1 | TP2 | J-1 |
| E1 | J-1 | FS719 | D-1 | TP3 | J-3 |
| E2 | J-4 | FS720 | H-5 | TP4 | J-4 |
| E201 | F-1 | FS721 | G-5 | TP103 | H-3 |
| E202 | F-4 | FS722 | G-5 | TP104 | H-4 |
| E601 | B-1 | FS723 | D-1 | TP201 | G-1 |
| | | FS724 | E-1 | TP202 | F-1 |
| | | FS725 | H-5 | TP203 | F-3 |
| | | FS726 | H-5 | TP204 | F-4 |
| | | | | TP303 | E-3 |
| | | IC1 | J-2 | TP304 | E-4 |
| | | IC2 | J-4 | TP601 | B-1 |
| | | IC101 | H-2 | TP602 | C-1 |
| | | IC102 | H-4 | | |
| | | IC201 | F-2 | | |
| | | IC202 | G-4 | | |
| | | IC301 | E-2 | | |
| | | IC302 | E-4 | | |
| | | *IC501 | H-1 | | |
| | | *IC502 | G-1 | | |
| | | *IC503 | F-1 | | |
| | | *IC601 | A-3 | | |
| | | *IC602 | B-3 | | |
| | | *IC701 | D-2 | | |
| | | IC702 | D-1 | | |
| | | IC703 | D-5 | | |
| | | IC704 | D-4 | | |
| | | *IC705 | D-3 | | |
| | | IC706 | D-3 | | |
| | | IC707 | D-4 | | |
| | | IC708 | D-3 | | |
| | | | | | |
| | | *Q1 | J-1 | | |
| | | *Q2 | J-2 | | |
| | | *Q3 | J-2 | | |
| | | *Q102 | H-2 | | |
| | | *Q103 | H-2 | | |
| | | *Q201 | F-1 | | |
| | | *Q202 | F-2 | | |
| | | *Q203 | F-2 | | |
| | | *Q302 | E-2 | | |
| | | *Q303 | E-2 | | |
| | | *Q501 | H-1 | | |
| | | Q601 | A-2 | | |
| | | Q602 | A-3 | | |
| | | Q603 | A-3 | | |
| | | Q604 | A-3 | | |
| | | Q605 | B-2 | | |
| | | Q606 | B-3 | | |
| | | Q607 | B-3 | | |
| | | Q608 | B-3 | | |
| | | *Q609 | B-2 | | |
| | | *Q610 | B-2 | | |
| | | Q611 | B-2 | | |
| | | *Q612 | B-2 | | |
| | | *Q613 | B-1 | | |
| | | *Q614 | B-1 | | |
| | | *Q615 | B-2 | | |
| | | *Q616 | B-2 | | |
| | | *Q617 | B-2 | | |
| | | | | | |
| | | RV1 | J-2 | | |
| | | RV2 | J-3 | | |
| | | RV101 | H-2 | | |
| | | RV102 | H-3 | | |
| | | RV201 | F-2 | | |

*: B SIDE

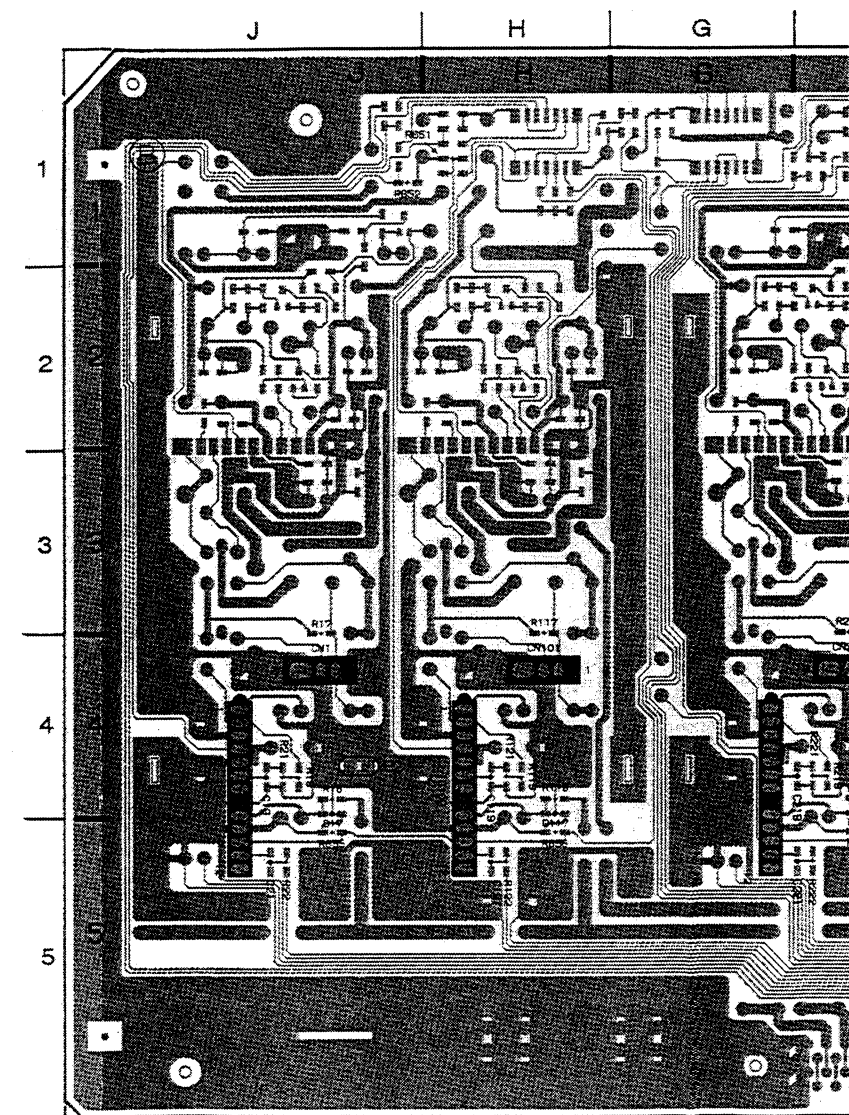
RP-70A

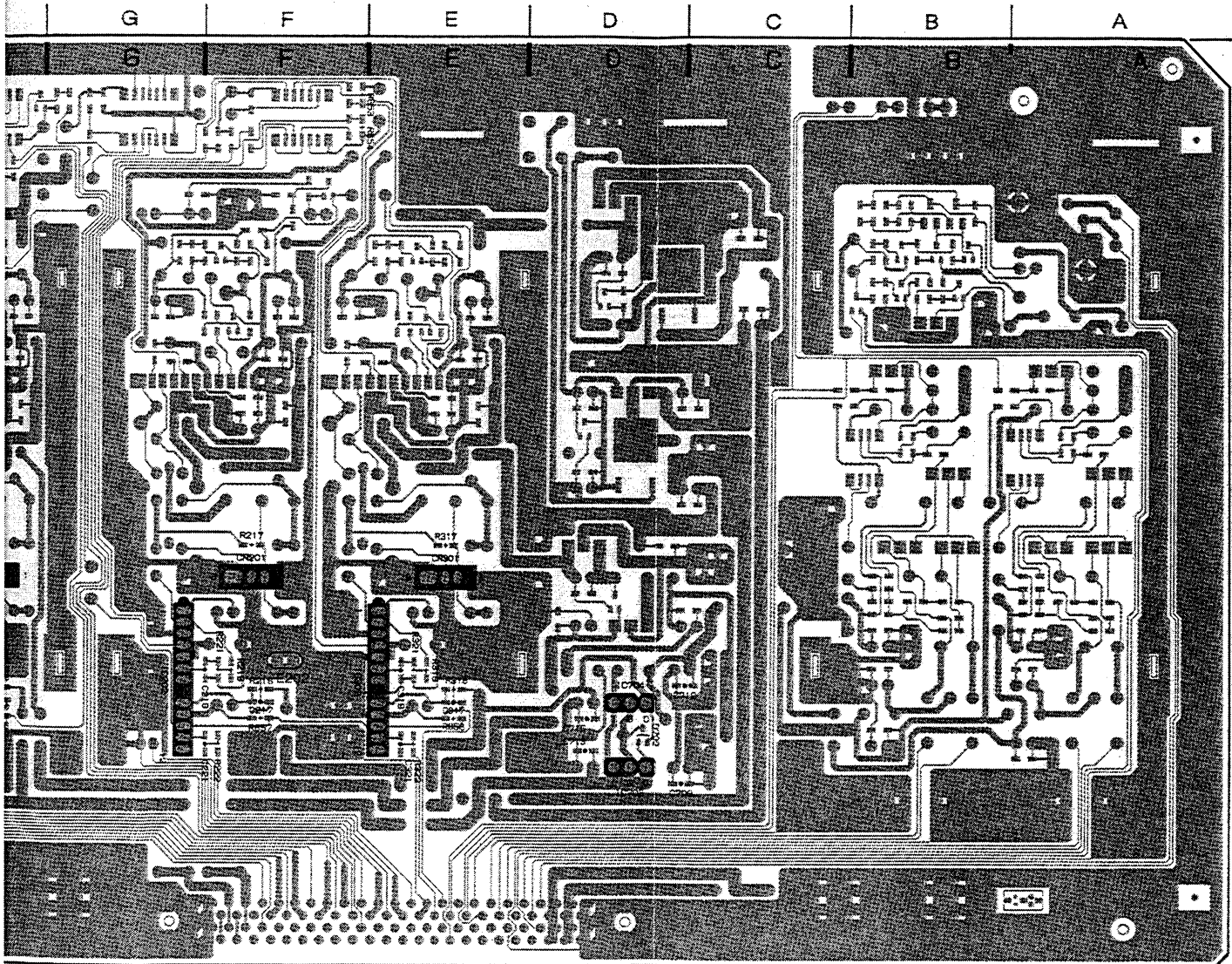
RP-70A

RP-70A ; RF PB AMP.



RP-70A 1-648-904-21 A SIDE





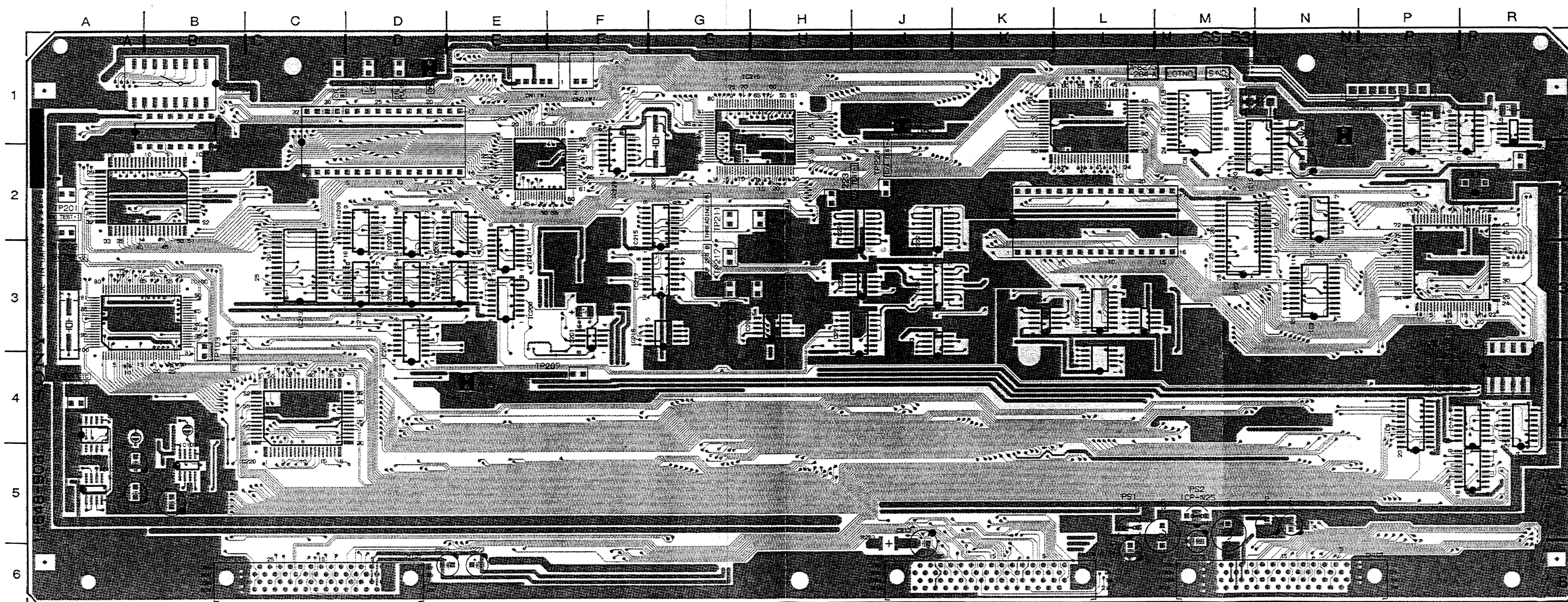
RP-70A 1-648-904-21 B SIDE

RP-70A(1-648-904-21)

- | | |
|-------|-----|
| CN1 | J-4 |
| CN101 | H-4 |
| CN110 | E-5 |
| CN201 | F-4 |
| CN301 | E-4 |
| | |
| *D702 | D-5 |
| | |
| E2 | J-4 |
| E202 | F-4 |
| | |
| FS2 | J-1 |
| FS3 | J-2 |
| FS6 | J-4 |
| FS7 | J-4 |
| FS101 | H-2 |
| FS104 | H-4 |
| FS105 | H-4 |
| FS106 | H-1 |
| FS201 | F-1 |
| FS202 | G-2 |
| FS205 | G-4 |
| FS206 | F-4 |
| FS301 | E-2 |
| FS304 | F-5 |
| FS305 | E-4 |
| FS501 | E-1 |
| FS504 | F-1 |
| FS506 | H-1 |
| FS509 | H-1 |
| FS614 | B-1 |
| FS615 | A-5 |
| FS616 | B-5 |
| FS617 | C-5 |
| FS618 | C-5 |
| FS619 | B-5 |
| FS620 | B-5 |
| FS701 | D-2 |
| FS702 | D-3 |
| FS703 | D-4 |
| FS704 | D-4 |
| FS705 | C-4 |
| FS706 | D-4 |
| FS707 | D-5 |
| FS709 | C-5 |
| FS710 | C-5 |
| FS716 | J-5 |
| FS720 | H-5 |
| FS721 | G-5 |
| FS722 | G-5 |
| FS723 | D-1 |
| FS725 | H-5 |
| FS726 | H-5 |
| | |
| IC2 | J-4 |
| IC102 | H-4 |
| IC202 | G-4 |
| IC302 | E-4 |
| IC703 | D-5 |
| IC704 | D-4 |
| | |
| T2 | J-4 |
| T102 | H-4 |
| T202 | G-4 |
| T302 | F-4 |

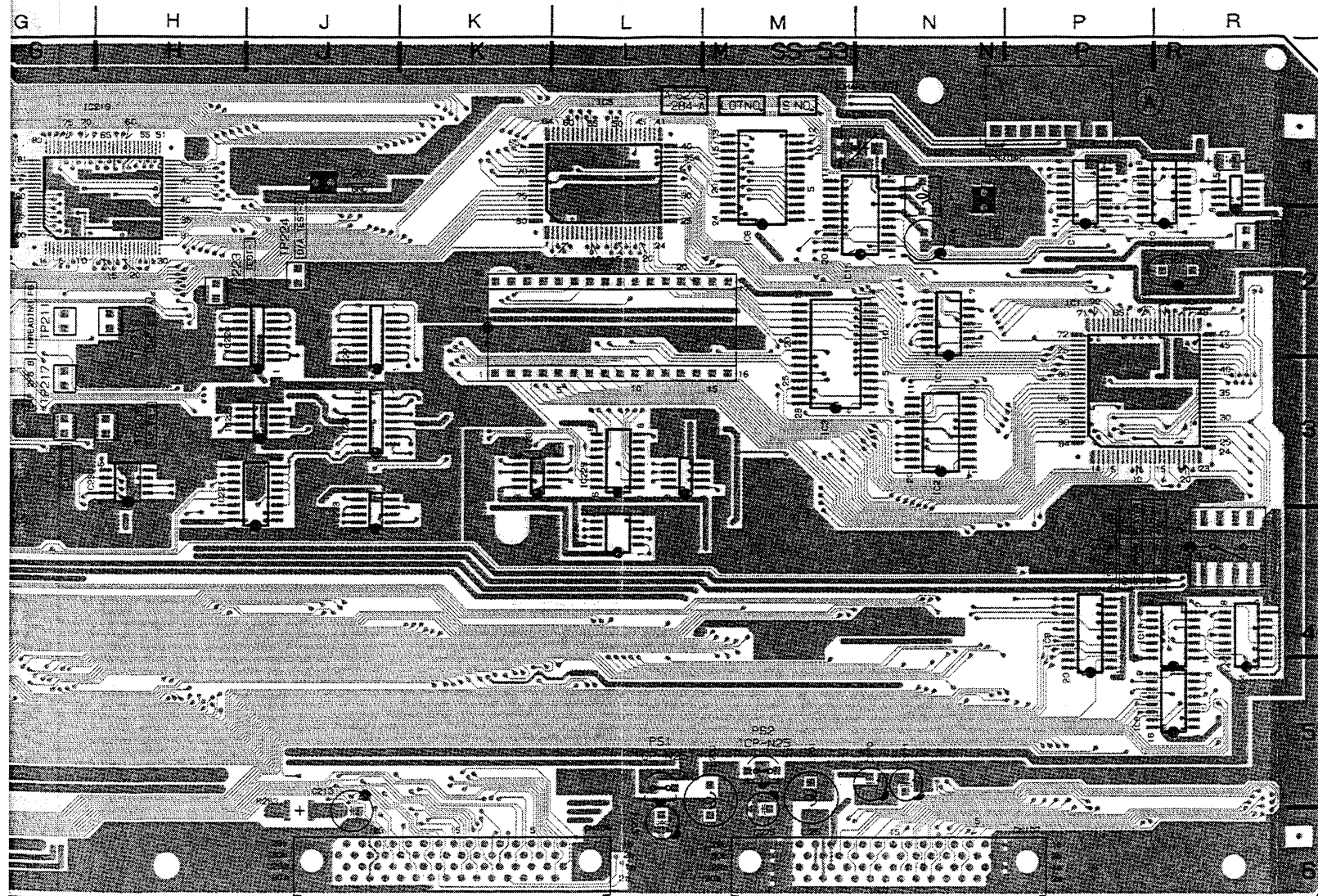
*: B SIDE

SS-53; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



SS-53 1-648-903-11 A SIDE

ACTER GENERATOR



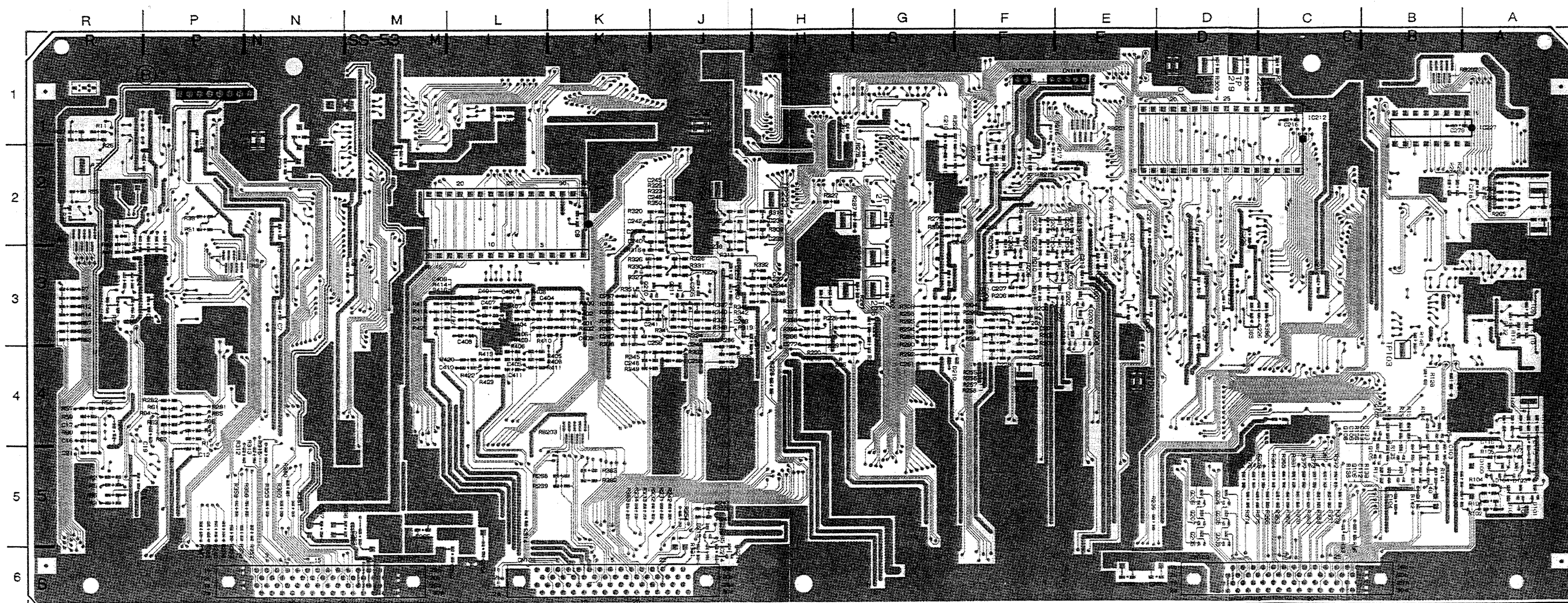
SS-53 1-648-903-11 A SIDE

SS-53(1-648-903-11)

| | | | |
|--------|-----|--------|-----|
| CN14 | K-3 | IC223 | J-4 |
| CN1212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| CV1 | N-1 | IC233 | M-3 |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | E-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| IC1 | P-3 | TP1 | R-2 |
| IC2 | N-3 | TP100 | A-4 |
| IC3 | N-3 | TP103 | B-4 |
| IC4 | K-3 | TP201 | A-2 |
| IC5 | L-1 | TP202 | A-2 |
| IC6 | M-2 | TP203 | D-1 |
| IC7 | R-1 | TP205 | H-3 |
| IC8 | R-5 | TP206 | G-3 |
| IC9 | P-5 | TP207 | F-4 |
| IC10 | R-2 | TP211 | G-2 |
| IC11 | P-2 | TP216 | H-2 |
| IC12 | N-2 | TP217 | G-3 |
| IC15 | N-2 | TP219 | D-1 |
| IC100 | A-3 | TP223 | H-2 |
| IC101 | A-5 | TP224 | J-2 |
| IC102 | A-5 | TP225 | C-1 |
| IC103 | B-5 | | |
| IC200 | E-3 | X1 | R-2 |
| IC201 | F-4 | X101 | A-3 |
| IC202 | E-2 | X200 | G-1 |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

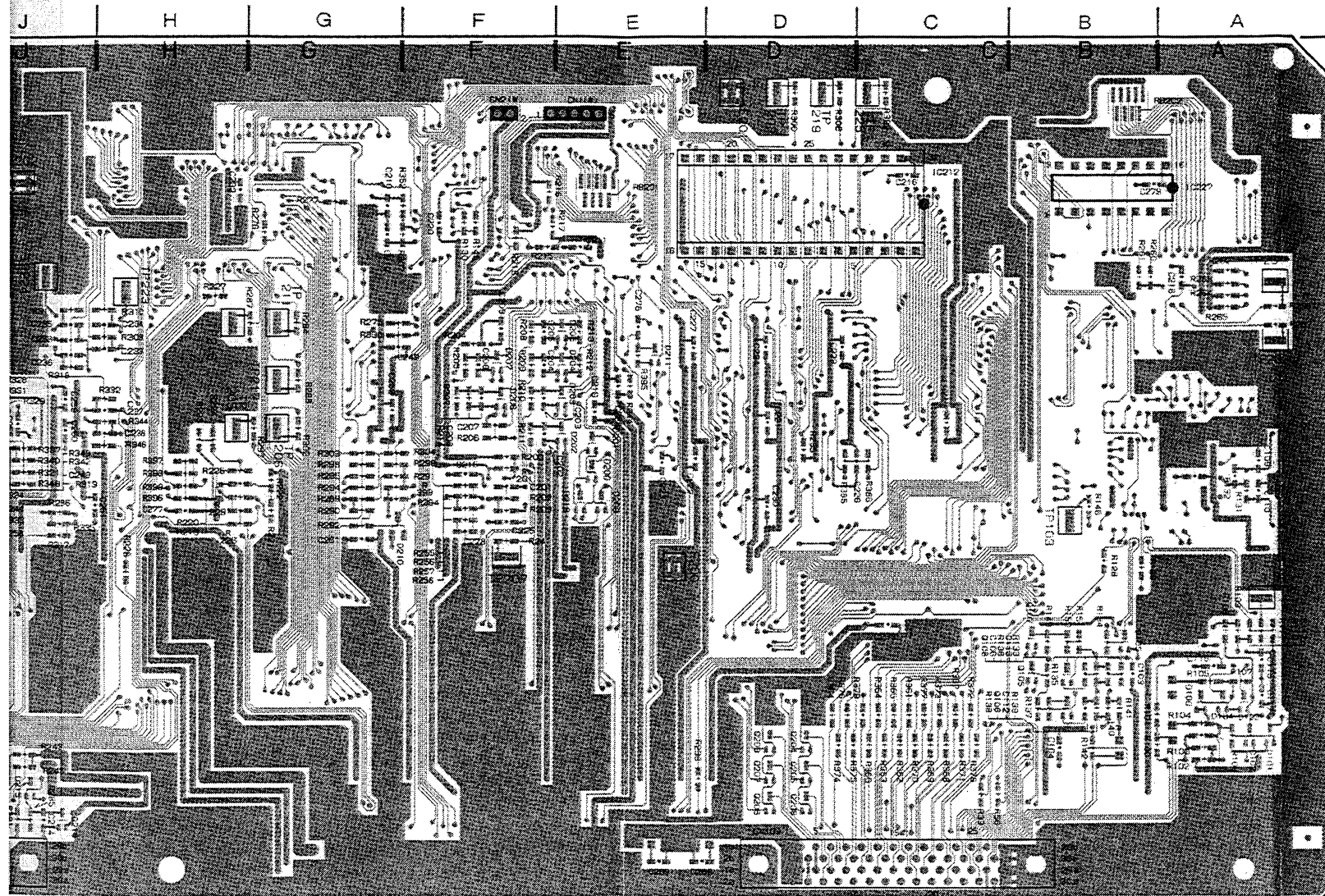
*: B SIDE

SS-53 ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



SS-53 1-648-903-11 B SIDE

ACTER GENERATOR



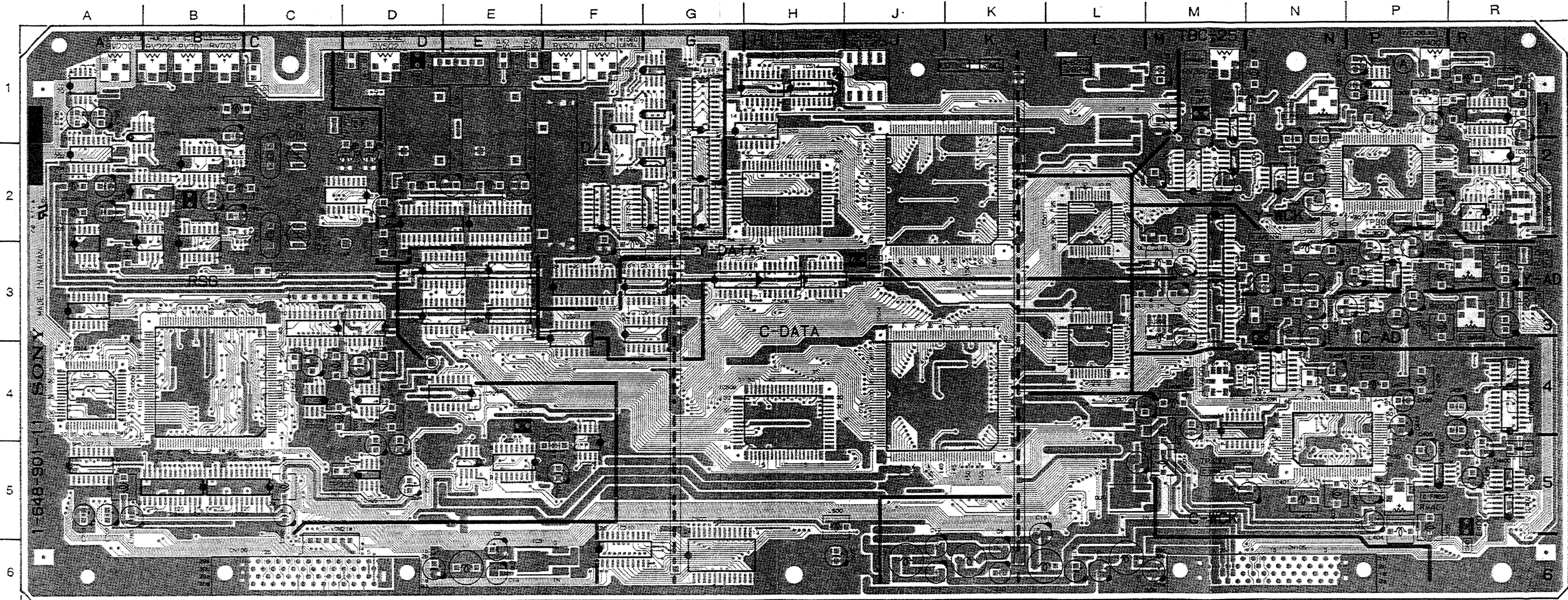
SS-53 1-648-903-11 B SIDE

SS-53(1-648-903-11)

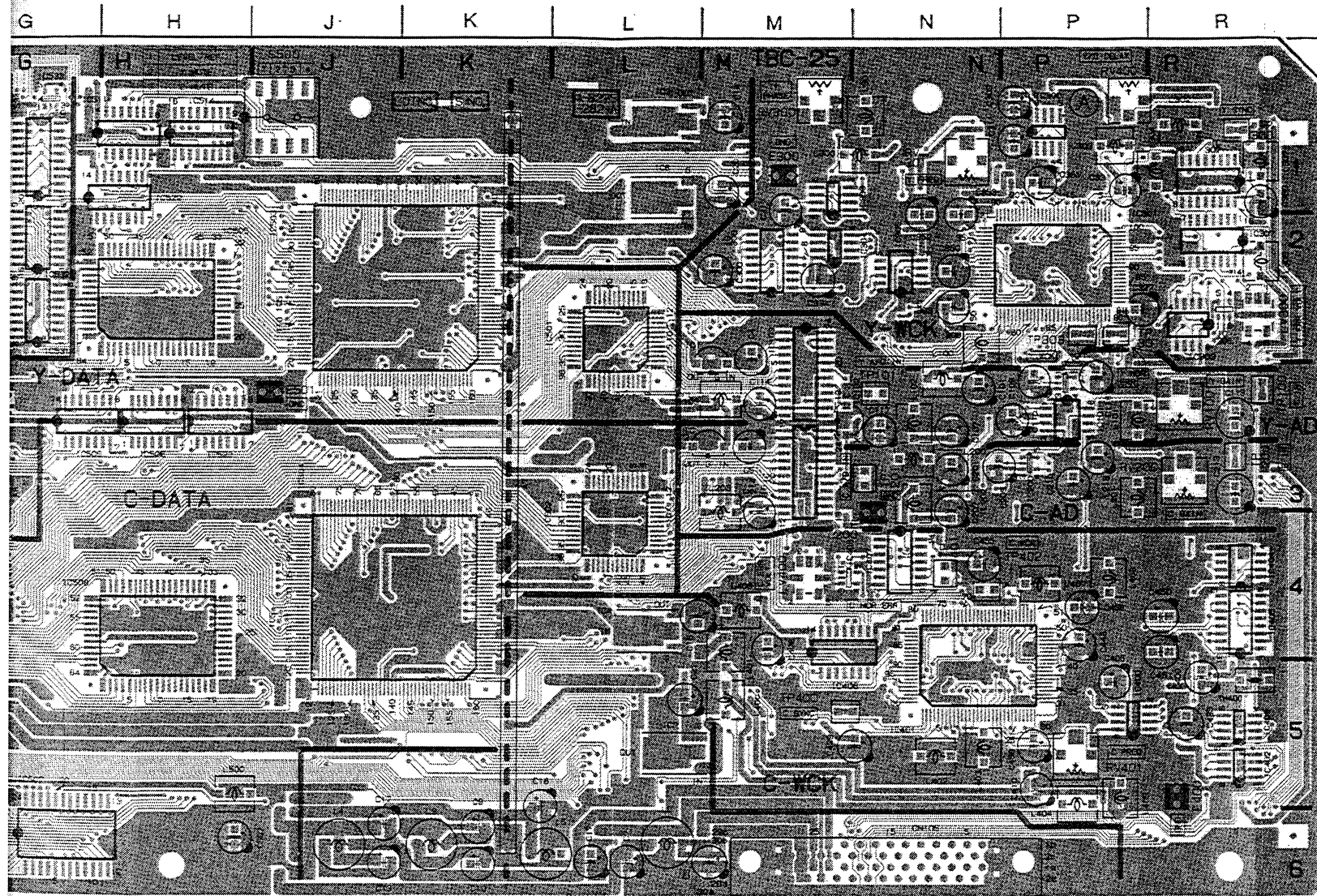
| | | | |
|--------|-----|--------|-----|
| CN14 | K-3 | IC223 | J-4 |
| CN1212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| | | IC233 | M-3 |
| CV1 | N-1 | | |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | F-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| IC1 | P-3 | TP1 | R-2 |
| IC2 | N-3 | TP100 | A-4 |
| IC3 | N-3 | TP103 | B-4 |
| IC4 | K-3 | TP201 | A-2 |
| IC5 | L-1 | TP202 | A-2 |
| IC6 | M-2 | TP203 | D-1 |
| IC7 | R-1 | TP205 | H-3 |
| IC8 | R-5 | TP206 | G-3 |
| IC9 | P-5 | TP207 | F-4 |
| IC10 | R-2 | TP211 | G-2 |
| IC11 | P-2 | TP216 | H-2 |
| IC12 | N-2 | TP217 | G-3 |
| IC15 | N-2 | TP219 | D-1 |
| IC100 | A-3 | TP223 | H-2 |
| IC101 | A-5 | TP224 | J-2 |
| IC102 | A-5 | TP225 | C-1 |
| IC103 | B-5 | | |
| IC200 | E-3 | X1 | R-2 |
| IC201 | F-4 | X101 | A-3 |
| IC202 | E-2 | X200 | G-1 |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

*: B SIDE

TBC-25 ; TIME BASE CORRECTOR, CTDM(EXPAND)



TBC-25 1-648-901-11 A SIDE



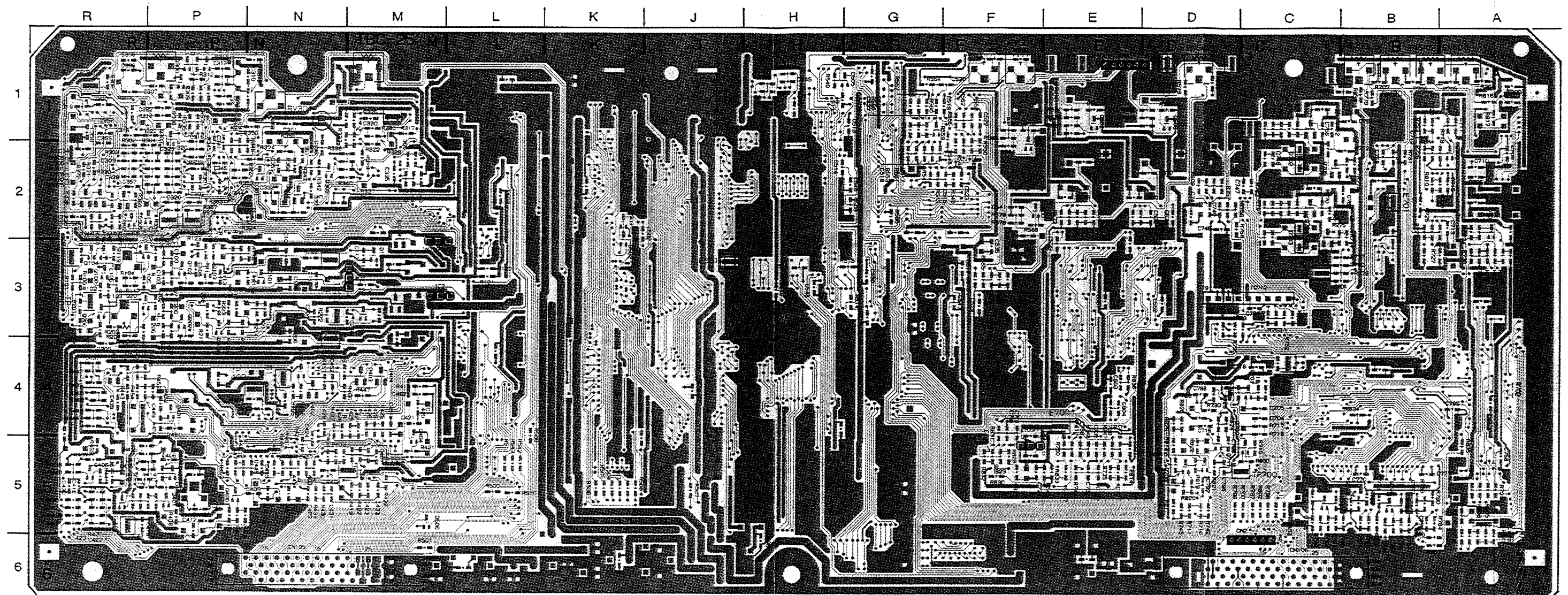
TBC-25 1-648-901-11 A SIDE

TBC-25(1-648-901-11)

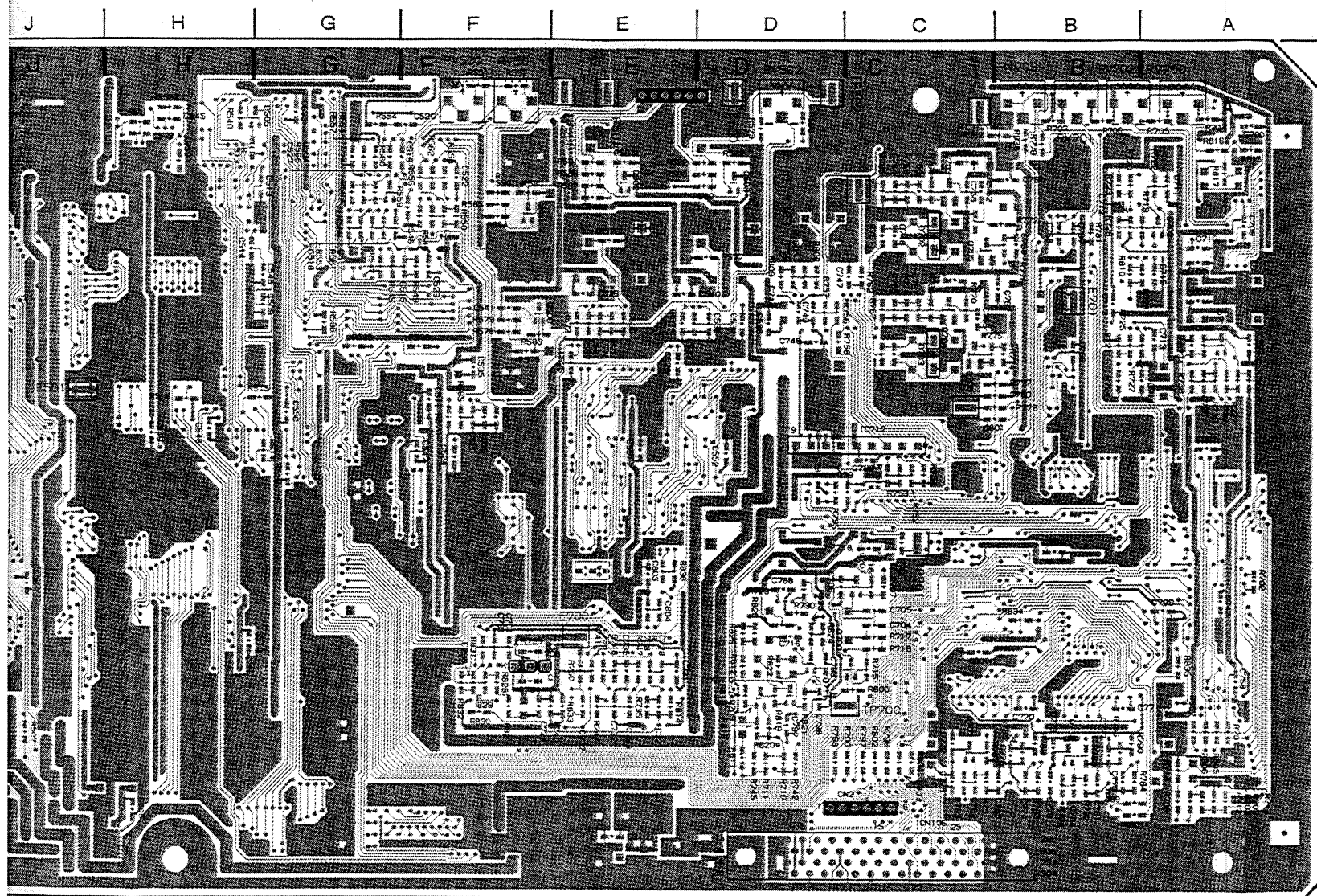
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | P-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IF527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | TH400 | R-5 |
| IC3 | L-1 | IC713 | C-3 | | |
| IC4 | L-4 | IC714 | A-4 | TP100 | R-3 |
| IC5 | E-6 | IC715 | D-2 | TP101 | N-3 |
| IC6 | L-1 | IC716 | A-3 | TP200 | R-3 |
| IC7 | L-5 | IC717 | A-5 | TP201 | N-3 |
| IC100 | P-3 | IC718 | B-2 | TP300 | R-1 |
| IC101 | P-3 | IC719 | B-2 | TP301 | P-2 |
| IC102 | M-3 | IC720 | B-3 | TP303 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP400 | M-5 |
| IC200 | P-3 | IC722 | B-4 | TP401 | N-4 |
| IC203 | M-3 | IC723 | C-5 | TP402 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP500 | E-1 |
| IC301 | P-2 | IC725 | D-5 | TP501 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP502 | D-1 |
| IC303 | M-1 | IC727 | E-4 | TP700 | C-5 |
| IC304 | M-2 | | | TP701 | C-4 |
| IC305 | N-2 | LV300 | R-2 | TP702 | C-1 |
| IC306 | M-2 | LV400 | M-4 | TP703 | C-3 |
| IC307 | R-2 | | | TP704 | C-1 |
| IC308 | R-2 | *Q100 | R-3 | | |
| IC400 | R-5 | *Q101 | R-3 | | |
| IC401 | N-5 | *Q102 | P-3 | X700 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | X701 | C-2 |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

*: B SIDE

TBC-25 ; TIME BASE CORRECTOR, CTDM(EXPAND)



TBC-25 1-648-901-11 B SIDE



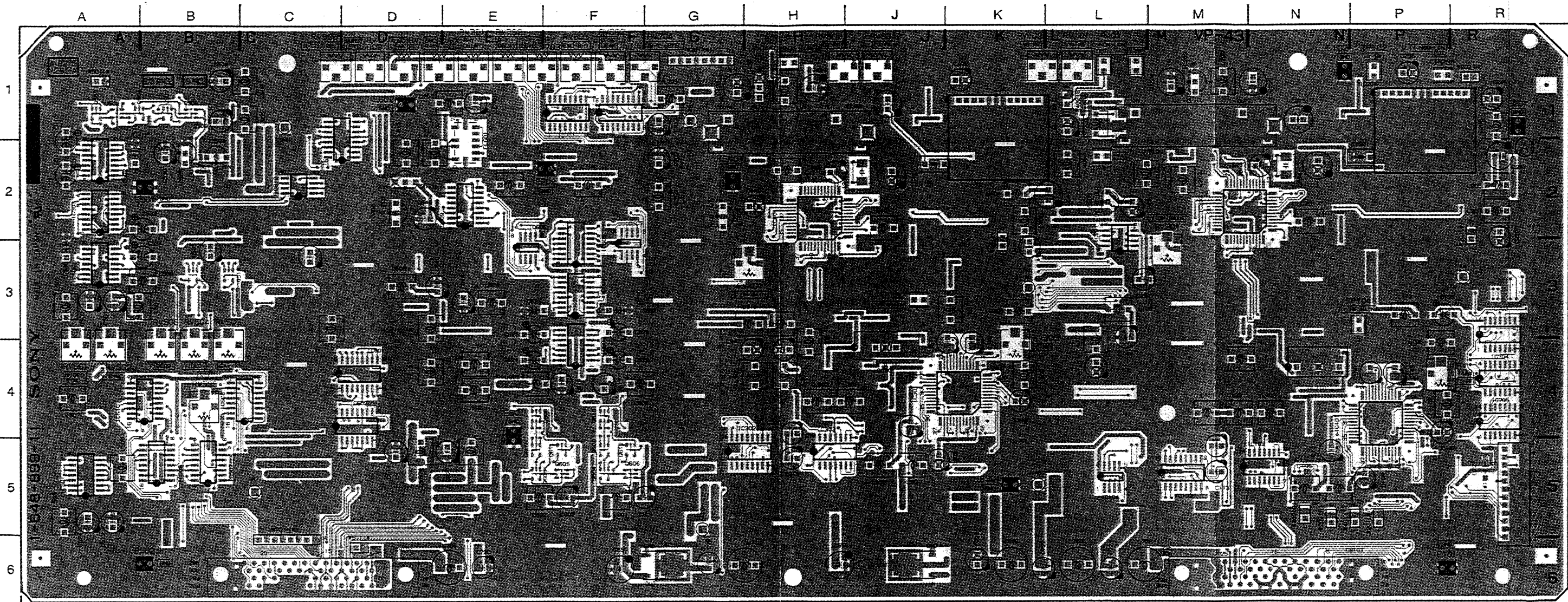
TBC-25 1-648-901-11 B SIDE

TBC-25(1-648-901-11)

| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | R-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IF527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | TH400 | R-5 |
| IC3 | L-1 | IC713 | C-3 | | |
| IC4 | L-4 | IC714 | A-4 | TP100 | R-3 |
| IC5 | E-6 | IC715 | D-2 | TP101 | N-3 |
| IC6 | L-1 | IC716 | A-3 | TP200 | R-3 |
| IC7 | L-5 | IC717 | A-5 | TP201 | N-3 |
| IC100 | P-3 | IC718 | B-2 | TP300 | R-1 |
| IC101 | P-3 | IC719 | B-2 | TP301 | P-2 |
| IC102 | M-3 | IC720 | B-3 | TP303 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP400 | M-5 |
| IC200 | P-3 | IC722 | B-4 | TP401 | N-4 |
| IC203 | M-3 | IC723 | C-5 | TP402 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP500 | E-1 |
| IC301 | P-2 | IC725 | D-5 | TP501 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP502 | D-1 |
| IC303 | M-1 | IC727 | E-4 | TP700 | C-5 |
| IC304 | M-2 | | | TP701 | C-4 |
| IC305 | N-2 | LV300 | R-2 | TP702 | C-1 |
| IC306 | M-2 | LV400 | M-4 | TP703 | C-3 |
| IC307 | R-2 | | | TP704 | C-1 |
| IC308 | R-2 | *Q100 | R-3 | | |
| IC400 | R-5 | *Q101 | R-3 | X700 | C-2 |
| IC401 | N-5 | *Q102 | P-3 | X701 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | | |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

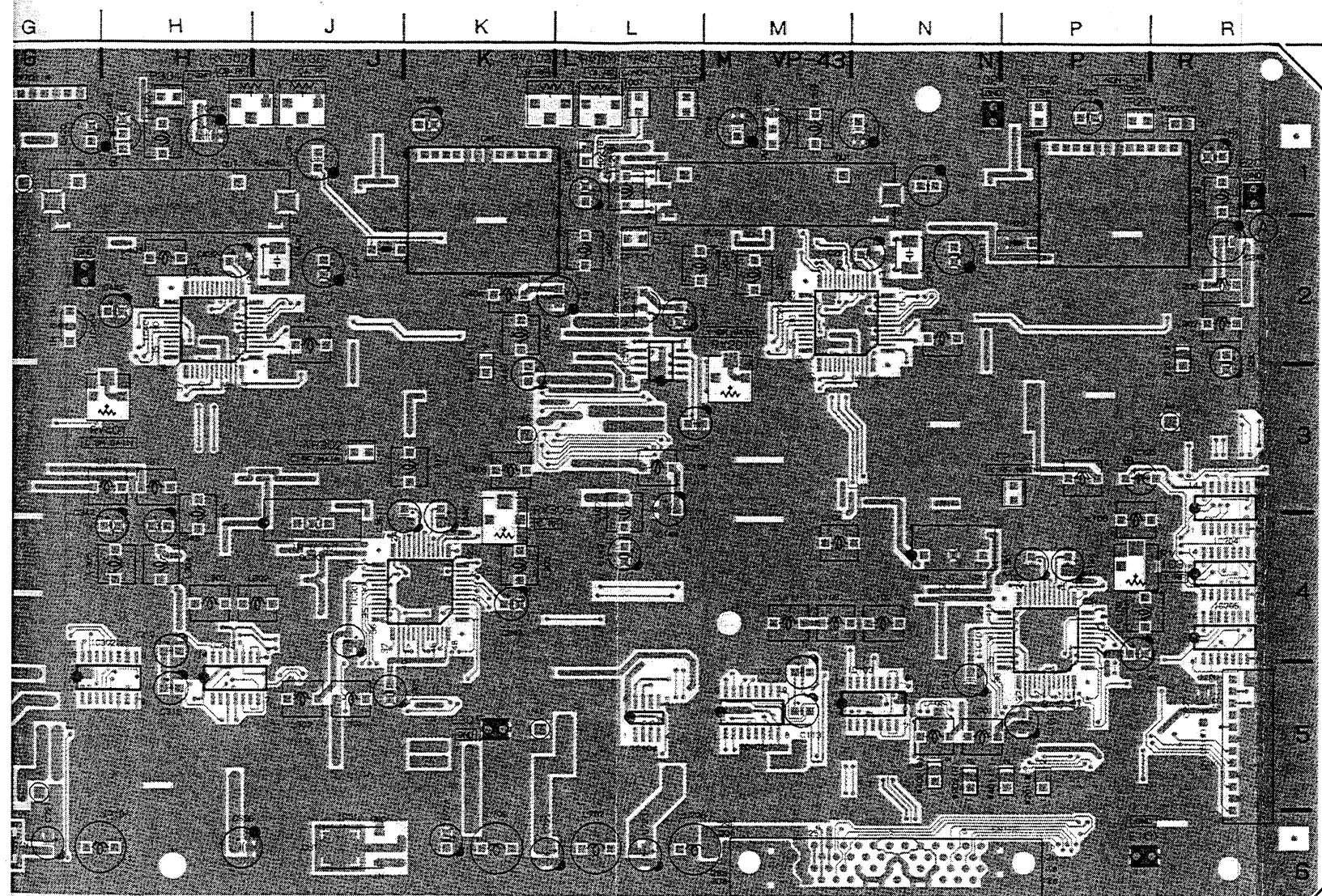
*: B SIDE

VP-43/43A ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



VP-43/43A 1-648-899-11 A SIDE

VER, ENCODE, SYNC/CHARA MIX



VP-43/43A 1-648-899-11 A SIDE

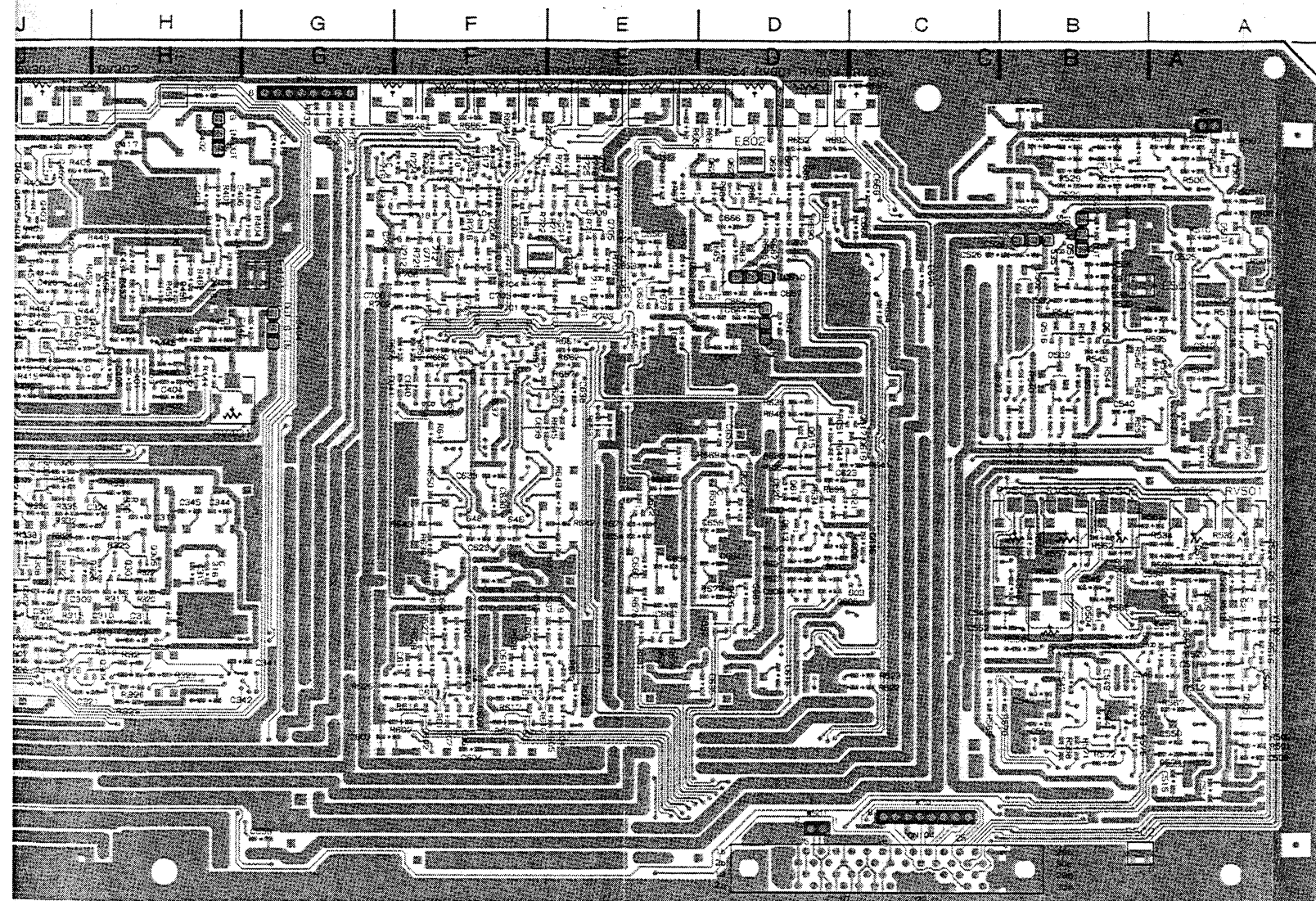
VP-43/43A(1-648-899-11)

| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE
_: UVW-1800 ONLY

15-40

ER, ENCODE, SYNC/CHARA MIX



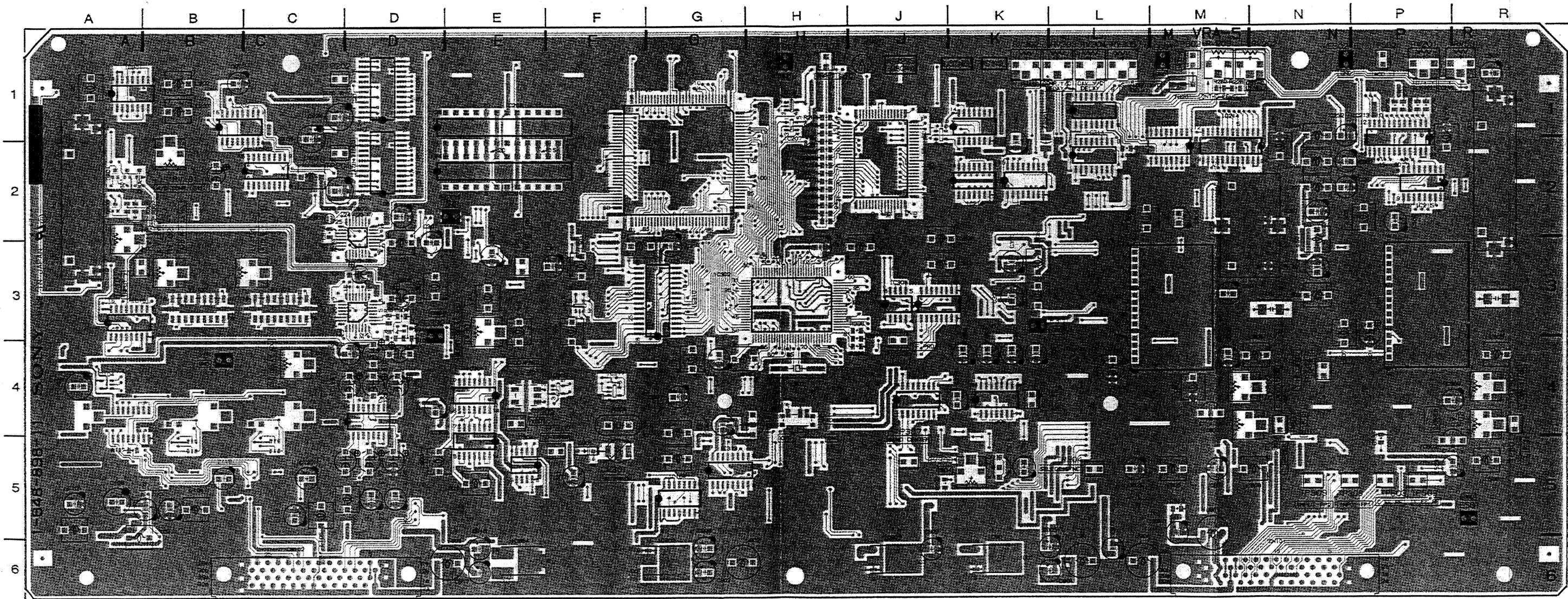
VP-43/43A 1-648-899-11 B SIDE

VP-43/43A(1-648-899-11)

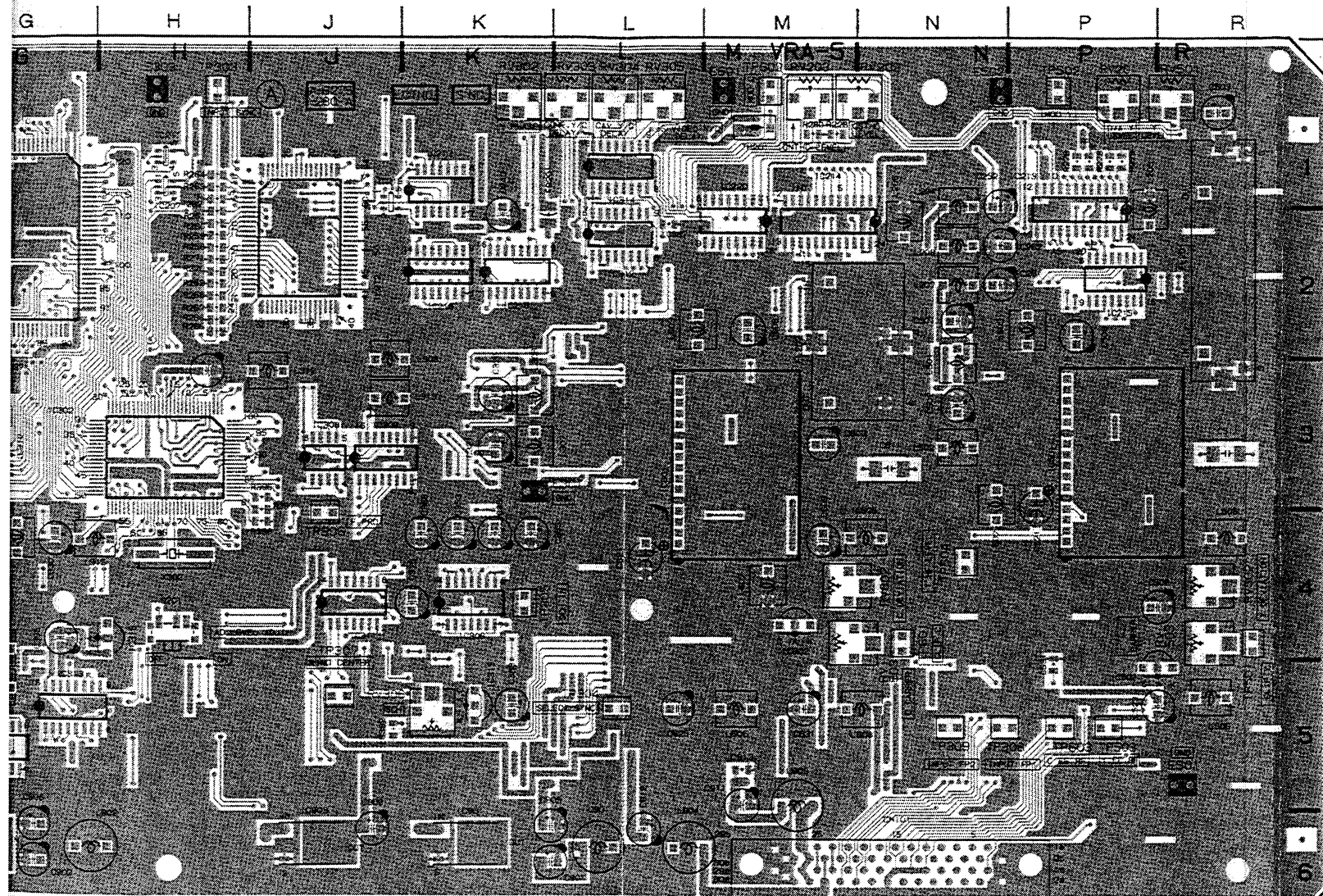
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE
_: UVW-1800 ONLY

VRA-5; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-11 A SIDE



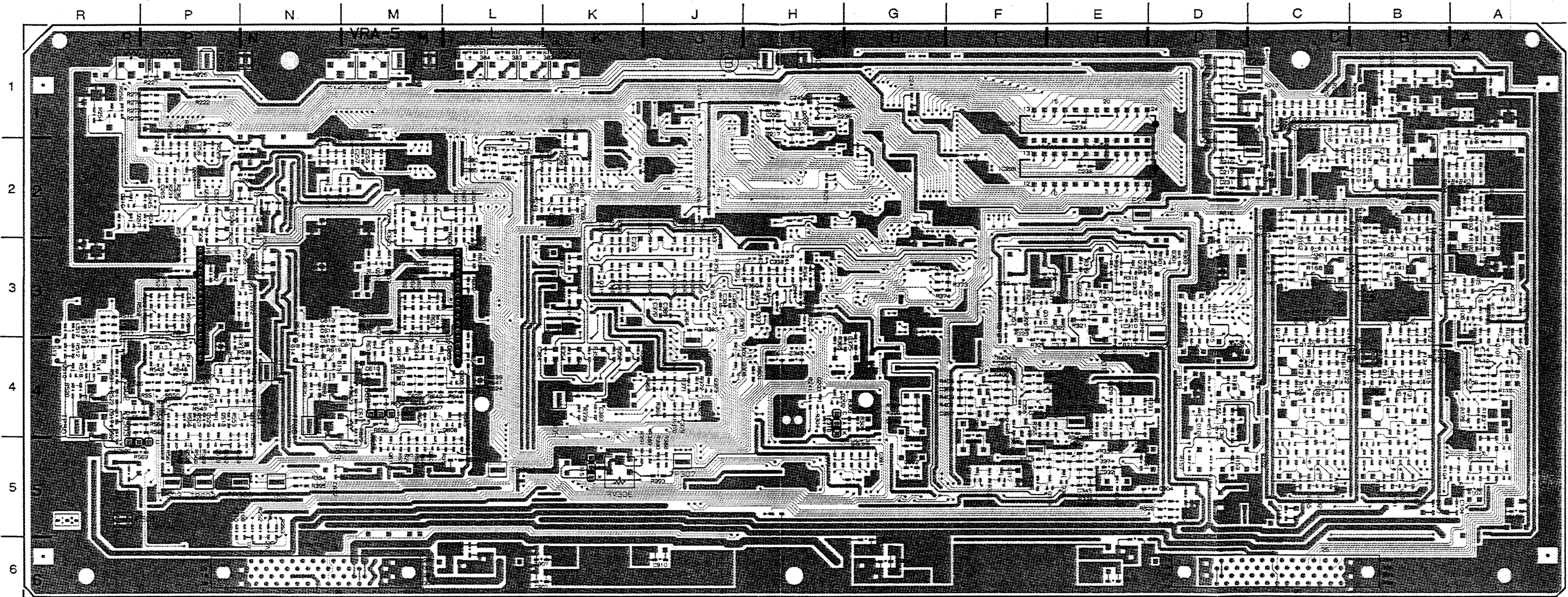
VRA-5 1-648-898-11 A SIDE

VRA-5(1-648-898-11)

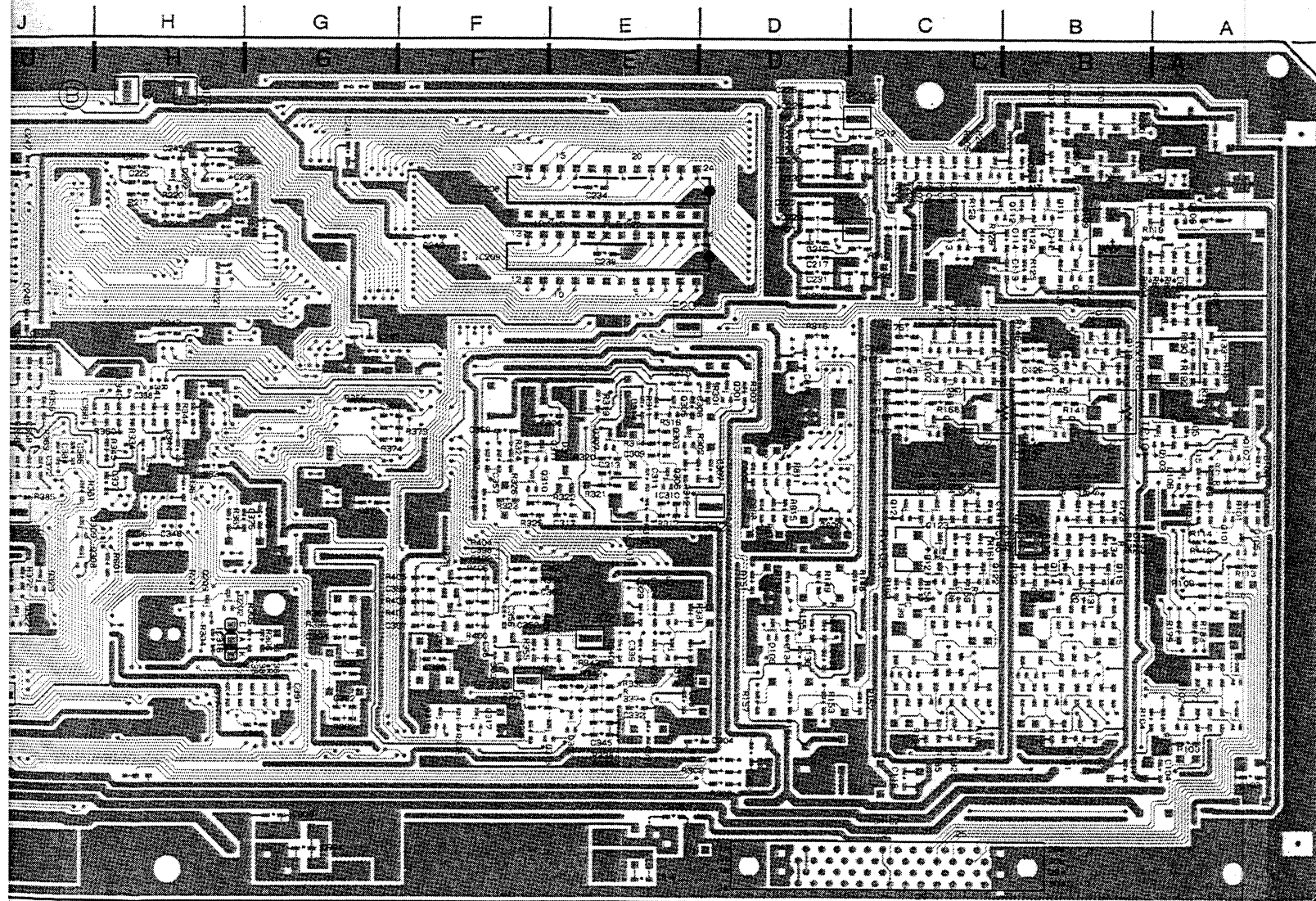
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| E101 | B-4 | *Q108 | A-1 | *Q605 | M-4 |
| E201 | E-2 | *Q109 | B-2 | *Q606 | L-4 |
| E301 | K-3 | *Q110 | B-2 | *Q607 | M-4 |
| E302 | D-3 | *Q111 | B-1 | *Q608 | L-4 |
| E303 | H-1 | *Q112 | C-1 | *Q609 | M-5 |
| E501 | R-5 | *Q113 | C-2 | *Q610 | M-5 |
| E502 | N-1 | *Q114 | B-4 | Q801 | A-2 |
| E601 | M-1 | *Q115 | B-4 | Q802 | A-2 |
| | | *Q116 | B-3 | Q803 | A-2 |
| FB201 | K-2 | *Q117 | B-3 | Q804 | D-3 |
| | | *Q118 | B-3 | | |
| FL101 | A-2 | *Q119 | B-3 | RV101 | B-2 |
| FL102 | B-3 | *Q120 | B-2 | RV102 | B-3 |
| FL103 | C-3 | *Q121 | C-4 | RV103 | C-4 |
| FL201 | R-2 | *Q122 | C-4 | RV104 | C-3 |
| FL202 | N-2 | *Q123 | C-4 | RV105 | A-2 |
| | | *Q124 | C-3 | RV201 | P-1 |
| IC101 | A-3 | *Q125 | C-3 | RV202 | N-1 |
| IC102 | C-2 | *Q126 | C-3 | RV203 | M-1 |
| IC103 | D-4 | *Q127 | C-3 | RV301 | E-3 |
| IC104 | G-5 | *Q128 | C-3 | RV302 | K-1 |
| IC201 | A-1 | *Q129 | C-2 | RV303 | L-1 |
| IC202 | B-1 | *Q130 | C-2 | RV304 | L-1 |
| IC205 | D-2 | *Q131 | B-5 | RV305 | L-1 |
| IC206 | D-1 | *Q132 | C-5 | RV306 | K-5 |
| IC207 | H-1 | *Q133 | A-2 | RV501 | R-1 |
| IC208 | E-2 | *Q201 | C-1 | RV502 | R-4 |
| IC209 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC210 | G-2 | *Q203 | H-4 | RV602 | M-4 |
| IC211 | H-1 | *Q204 | P-2 | RV603 | M-4 |
| IC212 | J-2 | *Q207 | R-2 | | |
| IC213 | P-1 | *Q209 | N-2 | S201 | H-4 |
| IC214 | N-1 | *Q210 | R-2 | | |
| IC215 | P-2 | *Q211 | K-2 | TH201 | M-1 |
| IC216 | K-2 | *Q212 | R-1 | | |
| IC217 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC218 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC219 | J-1 | *Q303 | E-3 | TP202 | C-1 |
| IC220 | M-1 | *Q305 | E-3 | TP301 | E-3 |
| IC301 | E-4 | *Q306 | E-3 | TP302 | E-4 |
| IC302 | H-3 | *Q307 | E-3 | TP303 | H-1 |
| IC303 | E-4 | *Q308 | J-4 | TP304 | L-5 |
| IC304 | E-5 | *Q309 | J-4 | TP305 | K-4 |
| IC305 | F-4 | *Q310 | F-3 | TP306 | J-4 |
| IC306 | K-4 | *Q311 | F-3 | TP307 | J-5 |
| IC307 | F-3 | *Q312 | K-3 | TP308 | N-5 |
| IC308 | J-3 | *Q313 | E-4 | TP309 | N-5 |
| IC309 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC310 | G-3 | *Q315 | J-3 | TP501 | R-4 |
| IC311 | J-4 | *Q316 | F-5 | TP502 | P-1 |
| IC312 | L-2 | *Q317 | F-5 | TP503 | P-5 |
| IC313 | G-5 | *Q318 | E-5 | TP504 | N-4 |
| IC314 | L-1 | *Q319 | K-3 | TP601 | N-4 |
| IC315 | K-5 | *Q320 | J-3 | TP602 | M-1 |
| IC316 | H-4 | *Q321 | J-4 | TP603 | P-5 |
| IC317 | F-4 | *Q322 | J-4 | | |
| IC501 | P-4 | *Q323 | J-4 | X301 | F-4 |
| IC502 | R-5 | *Q324 | F-4 | X302 | H-4 |
| IC601 | L-4 | *Q325 | F-4 | | |
| IC602 | M-4 | *Q508 | N-2 | | |
| IC801 | D-3 | *Q509 | P-2 | | |
| IC802 | D-2 | *Q510 | R-4 | | |

*: B SIDE

VRA-5; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPAND)



VRA-5 1-648-898-11 B SIDE



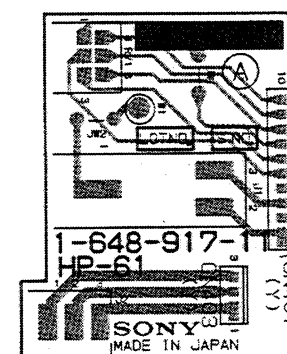
VRA-5 1-648-898-11 B SIDE

VRA-5(1-648-898-11)

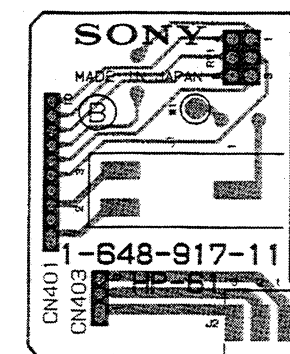
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| E101 | B-4 | *Q108 | A-1 | *Q605 | M-4 |
| E201 | E-2 | *Q109 | B-2 | *Q606 | L-4 |
| E301 | K-3 | *Q110 | B-2 | *Q607 | M-4 |
| E302 | D-3 | *Q111 | B-1 | *Q608 | L-4 |
| E303 | H-1 | *Q112 | C-1 | *Q609 | M-5 |
| E501 | R-5 | *Q113 | C-2 | *Q610 | M-5 |
| E502 | N-1 | *Q114 | B-4 | Q801 | A-2 |
| E601 | M-1 | *Q115 | B-4 | Q802 | A-2 |
| | | *Q116 | B-3 | Q803 | A-2 |
| FB201 | K-2 | *Q117 | B-3 | Q804 | D-3 |
| | | *Q118 | B-3 | | |
| FL101 | A-2 | *Q119 | B-3 | RV101 | B-2 |
| FL102 | B-3 | *Q120 | B-2 | RV102 | B-3 |
| FL103 | C-3 | *Q121 | C-4 | RV103 | C-4 |
| FL201 | R-2 | *Q122 | C-4 | RV104 | C-3 |
| FL202 | N-2 | *Q123 | C-4 | RV105 | A-2 |
| | | *Q124 | C-3 | RV201 | P-1 |
| IC101 | A-3 | *Q125 | C-3 | RV202 | N-1 |
| IC102 | C-2 | *Q126 | C-3 | RV203 | M-1 |
| IC103 | D-4 | *Q127 | C-3 | RV301 | E-3 |
| IC104 | G-5 | *Q128 | C-3 | RV302 | K-1 |
| IC201 | A-1 | *Q129 | C-2 | RV303 | L-1 |
| IC202 | B-1 | *Q130 | C-2 | RV304 | L-1 |
| IC205 | D-2 | *Q131 | B-5 | RV305 | L-1 |
| IC206 | D-1 | *Q132 | C-5 | RV306 | K-5 |
| IC207 | H-1 | *Q133 | A-2 | RV501 | R-1 |
| IC208 | E-2 | *Q201 | C-1 | RV502 | R-4 |
| IC209 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC210 | G-2 | *Q203 | H-4 | RV602 | M-4 |
| IC211 | H-1 | *Q204 | P-2 | RV603 | M-4 |
| IC212 | J-2 | *Q207 | R-2 | | |
| IC213 | P-1 | *Q209 | N-2 | S201 | H-4 |
| IC214 | N-1 | *Q210 | R-2 | | |
| IC215 | P-2 | *Q211 | K-2 | TH201 | M-1 |
| IC216 | K-2 | *Q212 | R-1 | | |
| IC217 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC218 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC219 | J-1 | *Q303 | E-3 | TP202 | C-1 |
| IC220 | M-1 | *Q305 | E-3 | TP301 | E-3 |
| IC301 | E-4 | *Q306 | E-3 | TP302 | E-4 |
| IC302 | H-3 | *Q307 | E-3 | TP303 | H-1 |
| IC303 | E-4 | *Q308 | J-4 | TP304 | L-5 |
| IC304 | E-5 | *Q309 | J-4 | TP305 | K-4 |
| IC305 | F-4 | *Q310 | F-3 | TP306 | J-4 |
| IC306 | K-4 | *Q311 | F-3 | TP307 | J-5 |
| IC307 | F-3 | *Q312 | K-3 | TP308 | N-5 |
| IC308 | J-3 | *Q313 | E-4 | TP309 | N-5 |
| IC309 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC310 | G-3 | *Q315 | J-3 | TP501 | R-4 |
| IC311 | J-4 | *Q316 | F-5 | TP502 | P-1 |
| IC312 | L-2 | *Q317 | F-5 | TP503 | P-5 |
| IC313 | G-5 | *Q318 | E-5 | TP504 | N-4 |
| IC314 | L-1 | *Q319 | K-3 | TP601 | N-4 |
| IC315 | K-5 | *Q320 | J-3 | TP602 | M-1 |
| IC316 | H-4 | *Q321 | J-4 | TP603 | P-5 |
| IC317 | F-4 | *Q322 | J-4 | | |
| IC501 | P-4 | *Q323 | J-4 | X301 | F-4 |
| IC502 | R-5 | *Q324 | F-4 | X302 | H-4 |
| IC601 | L-4 | *Q325 | F-4 | | |
| IC602 | M-4 | *Q508 | N-2 | | |
| IC801 | D-3 | *Q509 | P-2 | | |
| IC802 | D-2 | *Q510 | R-4 | | |

*: B SIDE

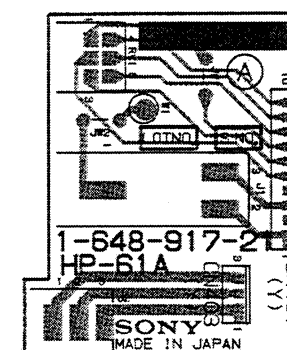
CL-25 ; CASSETTE LOADING BEGIN/NEAR-END SENSOR
 HP-61 ; HEADPHONES JACK/VOLUME CONTROL
 HP-61A ; HEADPHONES JACK/VOLUME CONTROL
 PC-62 ; CASSETTE IN/LARGE CASSETTE SENSOR
 PD-35 ; PINCH SOLENOID



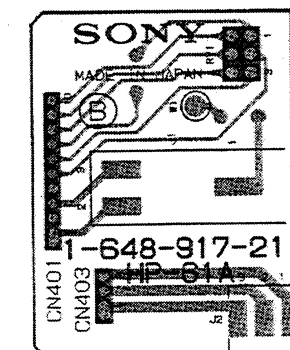
HP-61 1-648-917-11 A SIDE



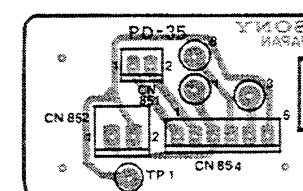
HP-61 1-648-917-11 B SIDE



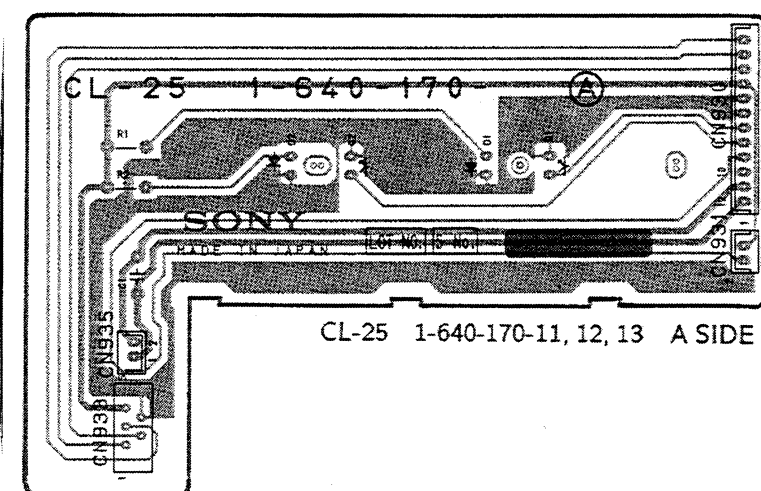
HP-61A 1-648-917-21 A SIDE



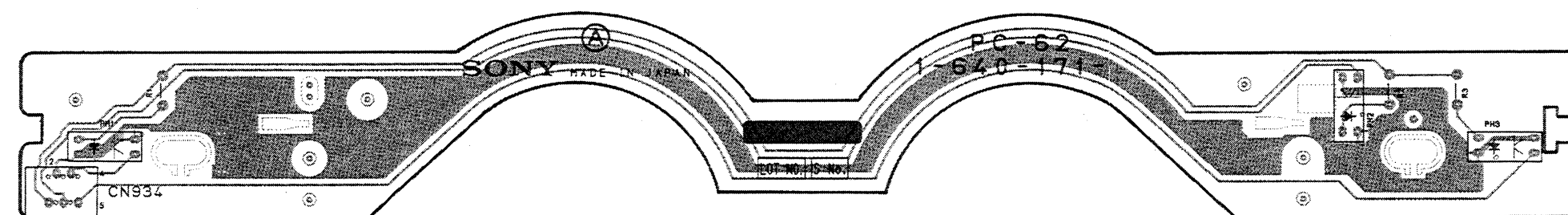
HP-61A 1-648-917-21 B SIDE



PD-35 1-622-596-11 A SIDE

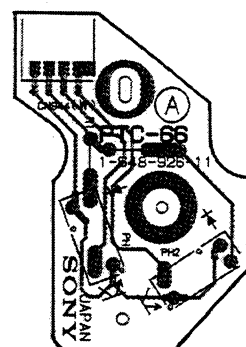


CL-25 1-640-170-11,12,13 A SIDE

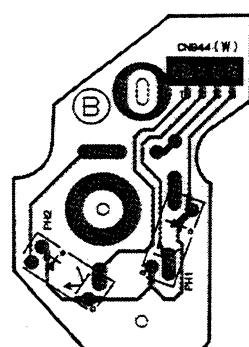


PC-62 1-640-171-11,12 A SIDE

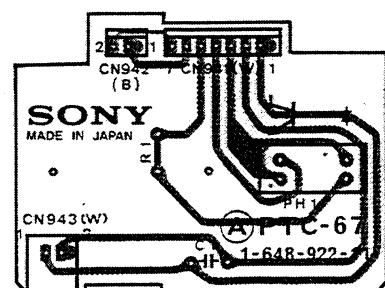
PTC-66 ; REEL POSITION
 PTC-67 ; THREADING FG/MOTOR
 PTC-68 ; THREAD END/UNTHREAD END SENSOR
 RM-126 ; S-REEL MOTOR
 RM-127 ; T-REEL MOTOR
 SE-207 ; REEL FG
 TR-84 ; S-TENSION SENSOR
 VR-155 ; AUDIO REC LEVEL



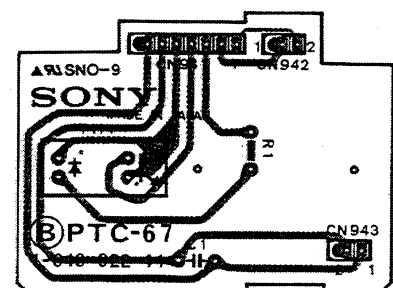
PTC-66 1-648-926-11 A SIDE



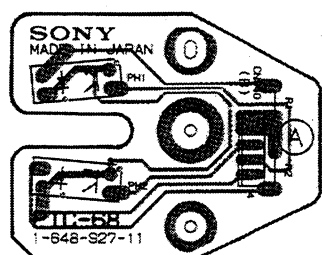
PTC-66 1-648-926-11 B SIDE



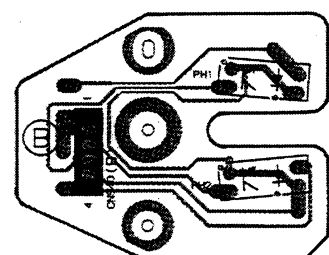
PTC-67 1-648-922-11 A SIDE



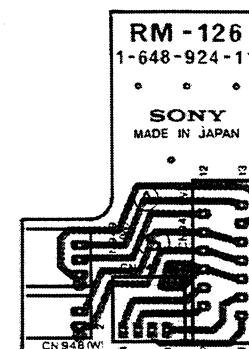
PTC-67 1-648-922-11 B SIDE



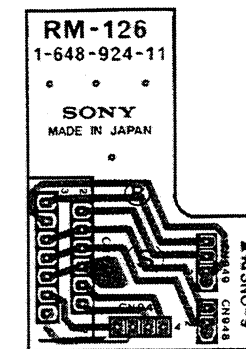
PTC-68 1-648-927-11 A SIDE



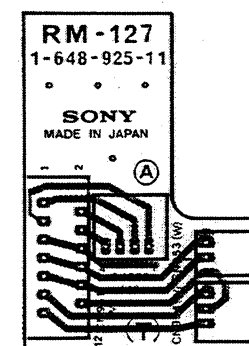
PTC-68 1-648-927-11 B SIDE



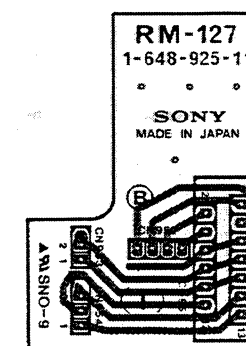
RM-126 1-648-924-11 A SIDE



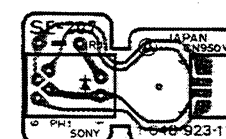
RM-126 1-648-924-11 B SIDE



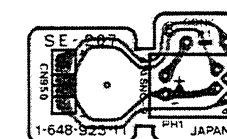
RM-127 1-648-925-11 A SIDE



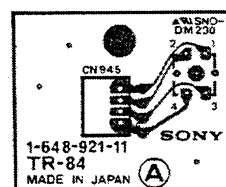
RM-127 1-648-925-11 B SIDE



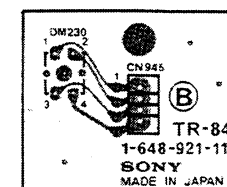
SE-207 1-648-923-11 A SIDE



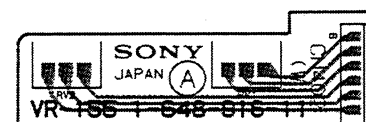
SE-207 1-648-923-11 B SIDE



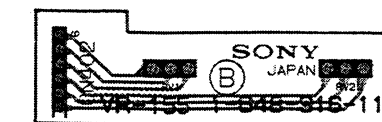
TR-84 1-648-921-11 A SIDE



TR-84 1-648-921-11 B SIDE

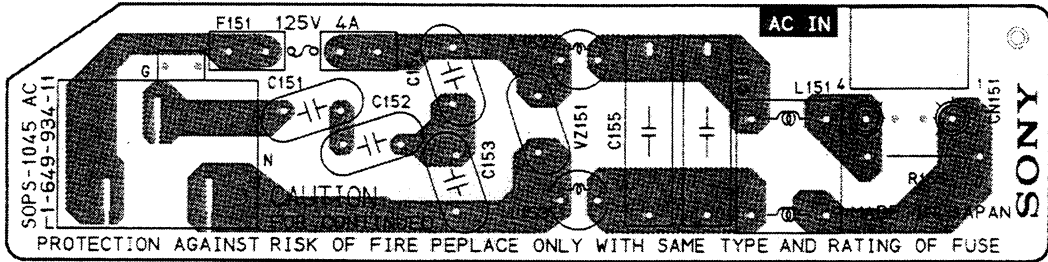


VR-155 1-648-916-11 A SIDE

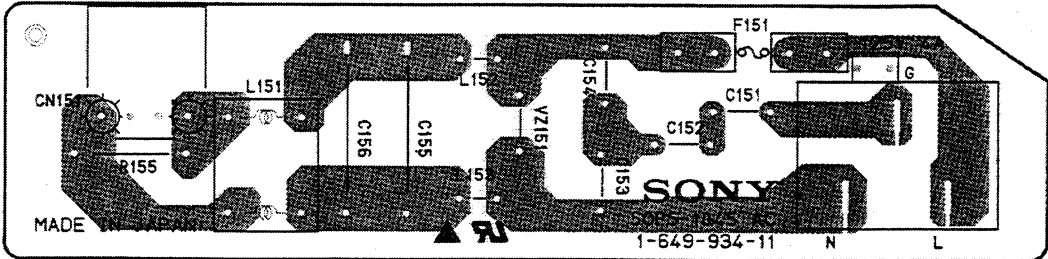


VR-155 1-648-916-11 B SIDE

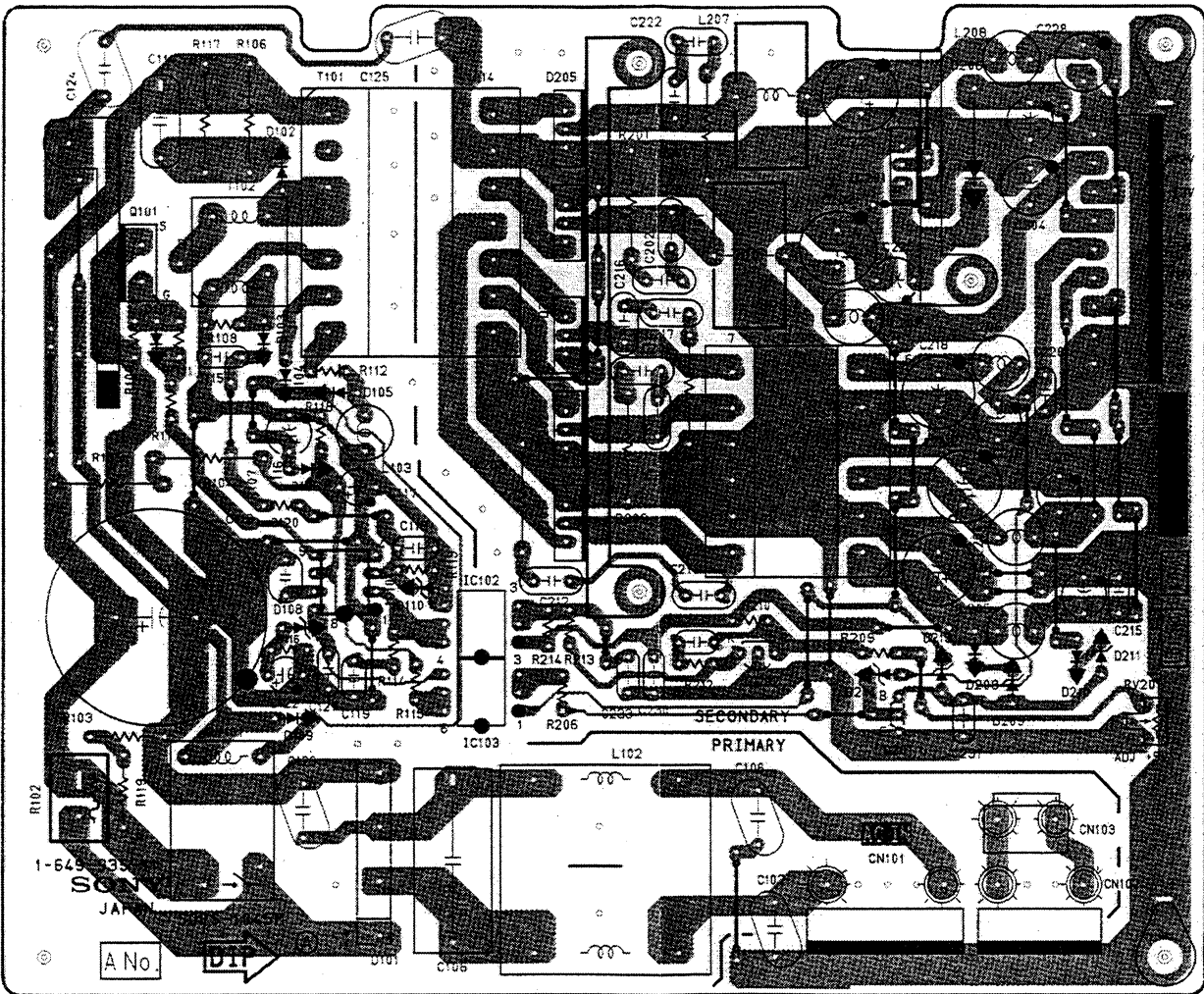
SOPS-1045AC ; POWER SUPPLY(SWITCHING REGULATOR)
SOPS-1045M ; POWER SUPPLY(SWITCHING REGULATOR)



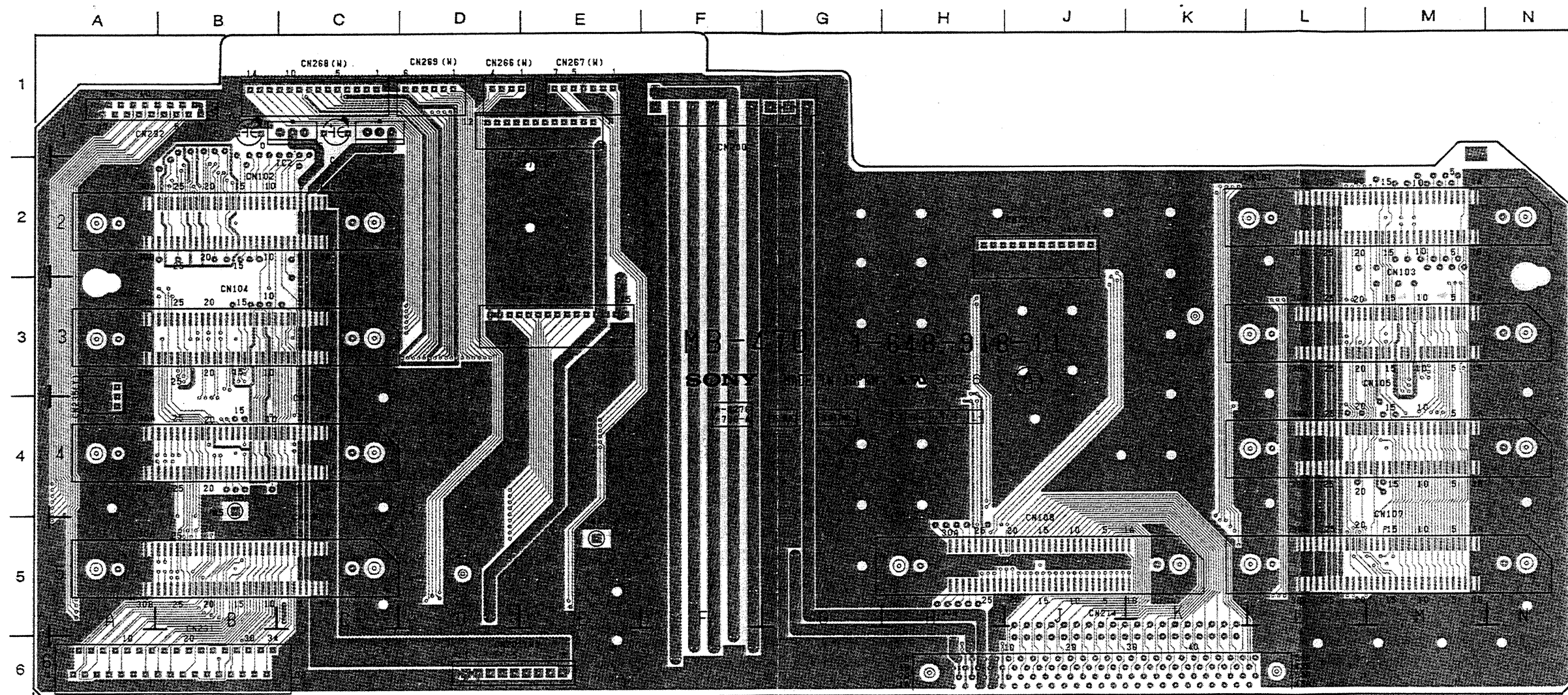
SOPS-1045 AC 1-649-934-11 A SIDE



SOPS-1045 AC 1-649-934-11 B SIDE



MB-470; MOTHER BOARD

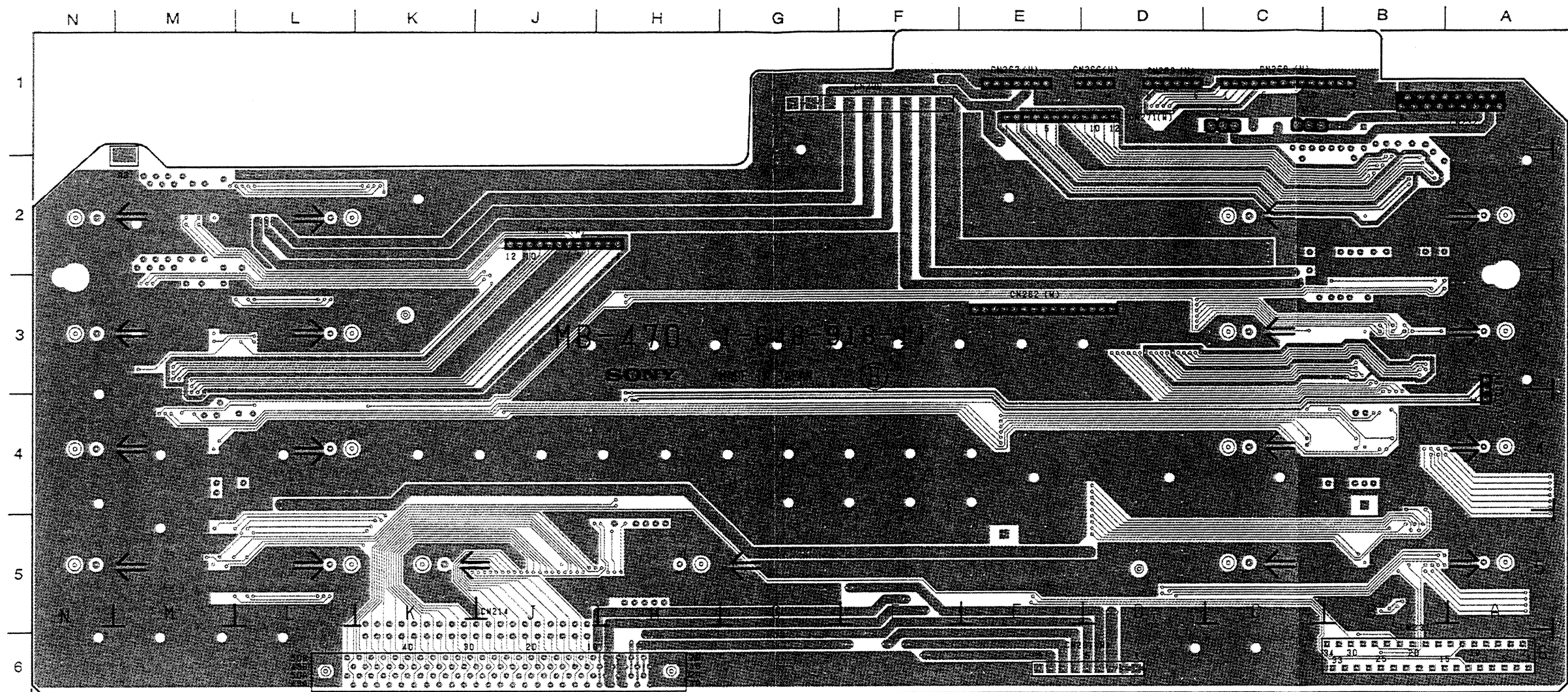


MB-470 1-648-918-11 A SIDE

MB-470(1-648-918-11)

| | |
|-------|-----|
| CN101 | M-2 |
| CN102 | B-2 |
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| CN271 | E-1 |
| IC1 | C-1 |
| IC2 | C-1 |

MB-470; MOTHER BOARD

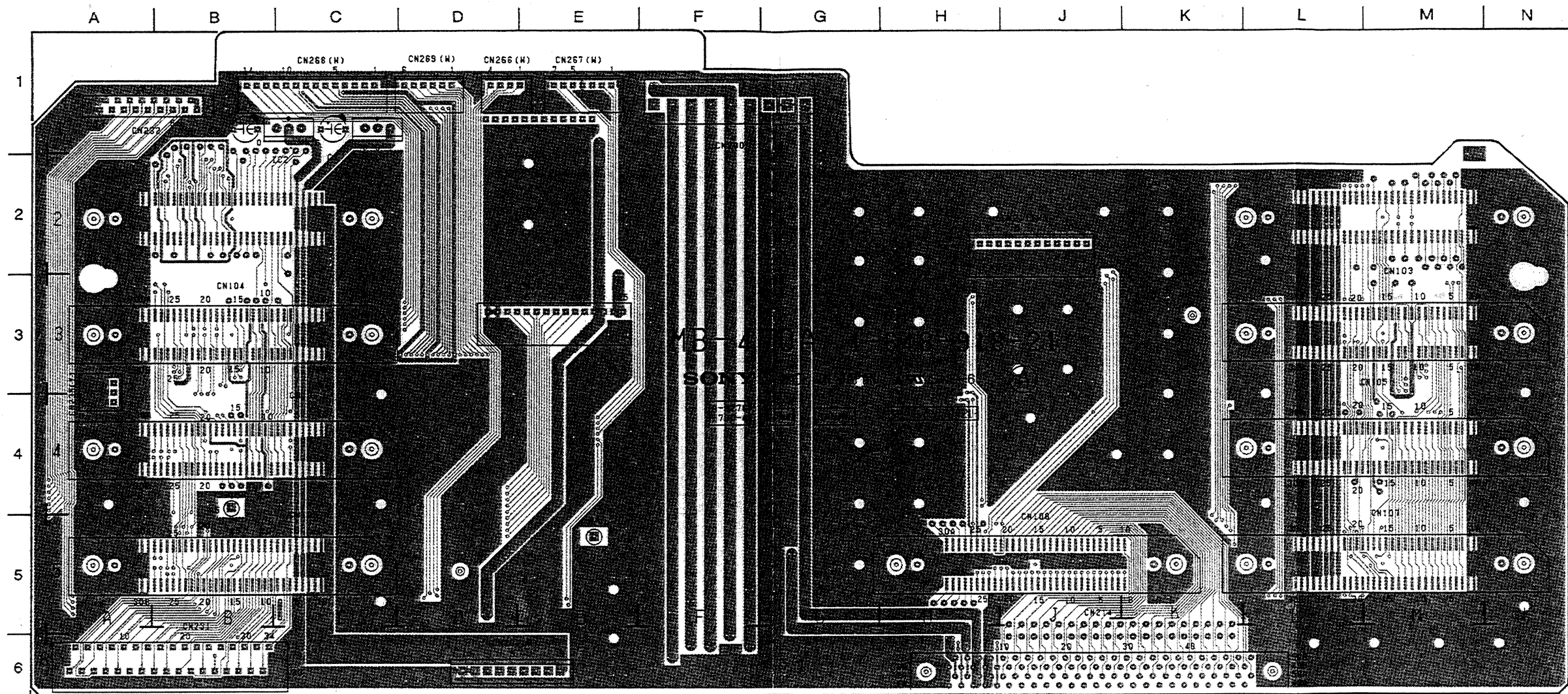


MB-470 1-648-918-11 B SIDE

MB-470(1-648-918-11)

| | |
|-------|-----|
| CN101 | M-2 |
| CN102 | B-2 |
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| CN271 | E-1 |
| IC1 | C-1 |
| IC2 | C-1 |

MB-470A; MOTHER BOARD

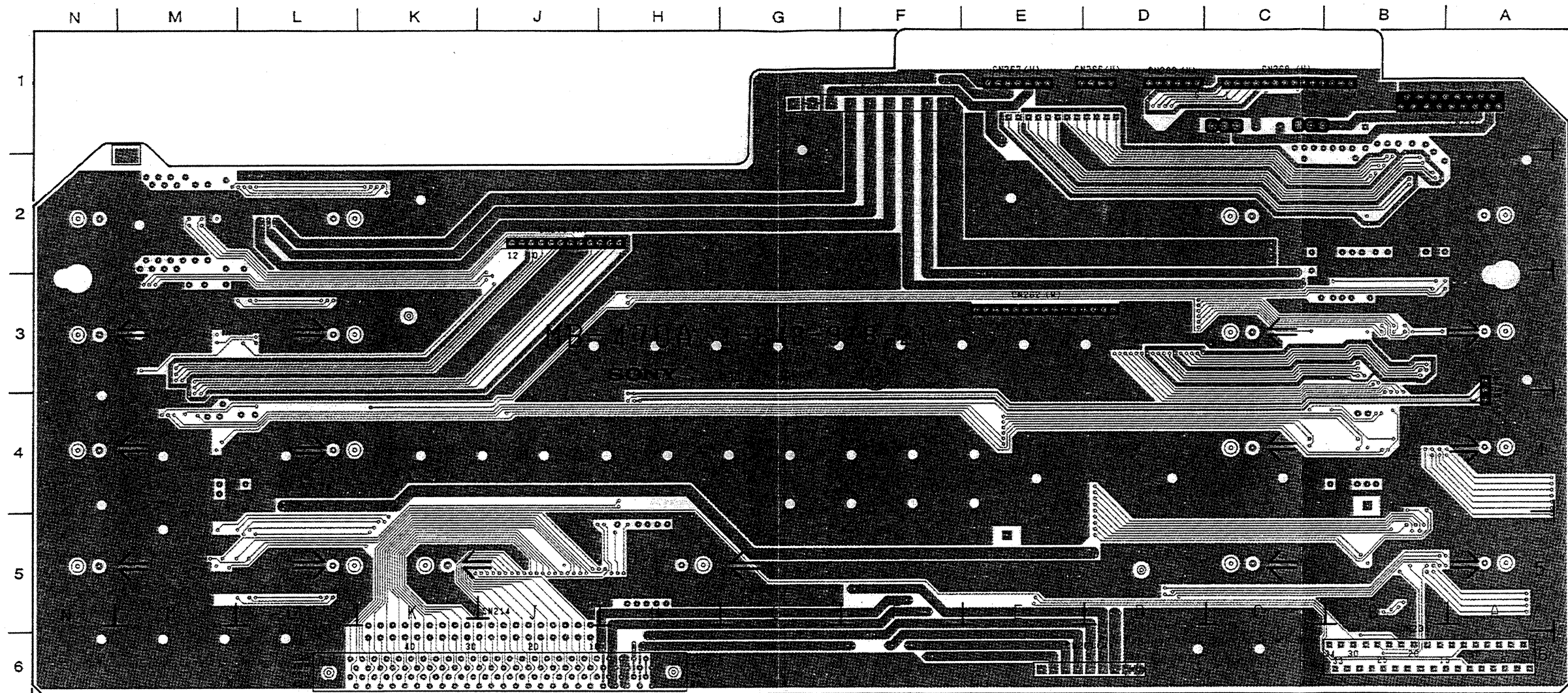


MB-470A 1-648-918-21 A SIDE

MB-470A(1-648-918-21)

| | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |

MB-470A; MOTHER BOARD

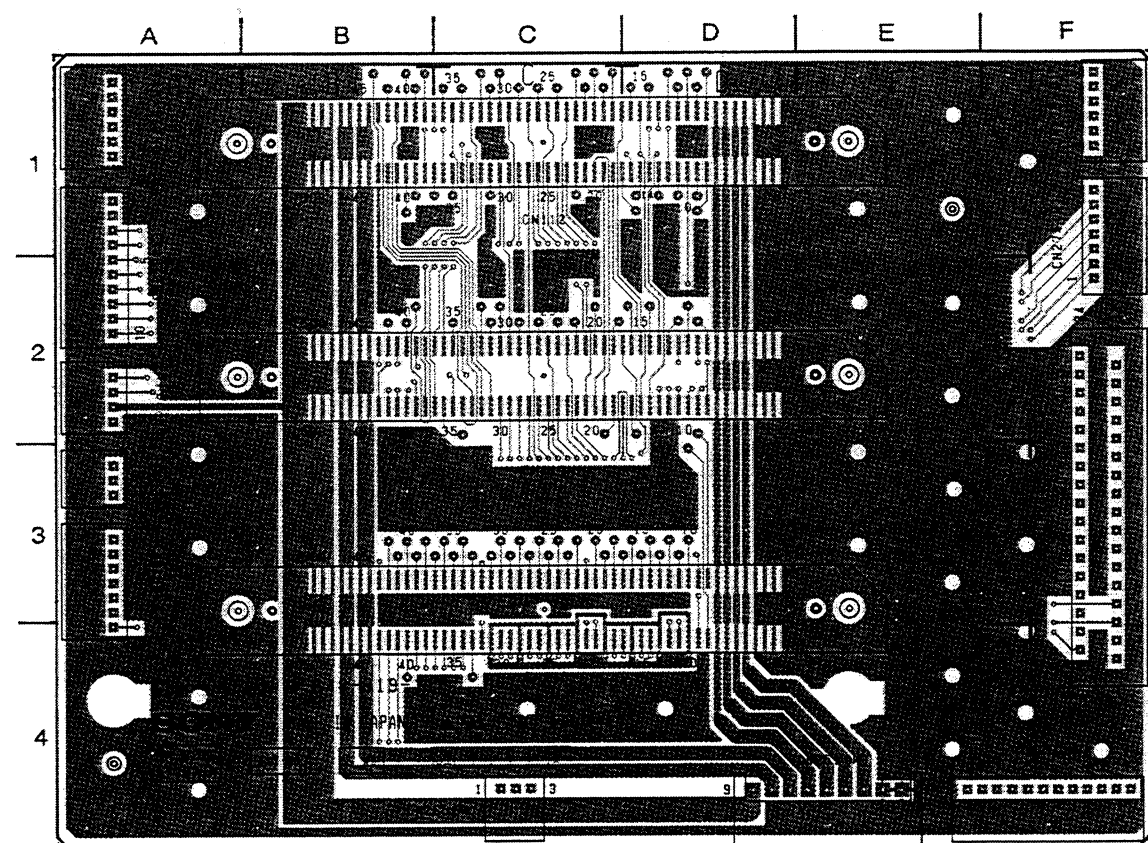


MB-470A 1-648-918-21 B SIDE

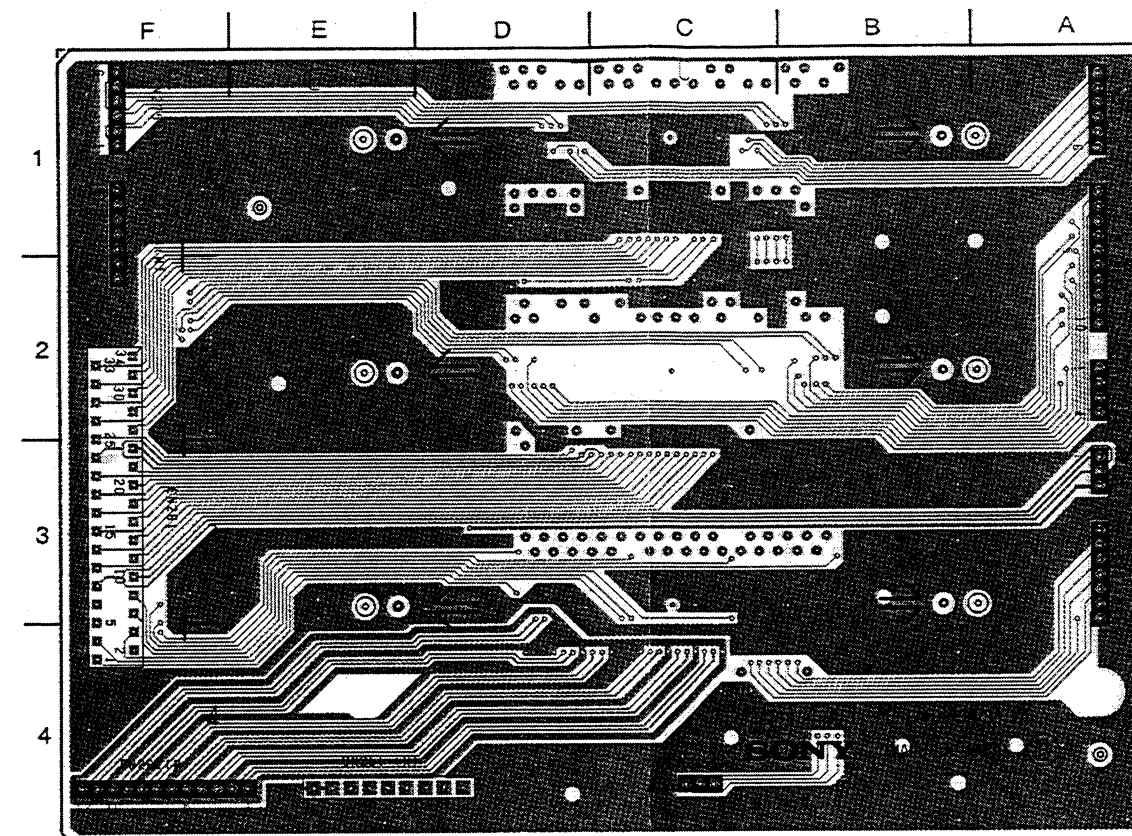
MB-470A(1-648-918-21)

| | |
|-------|-----|
| CN103 | M-3 |
| CN104 | B-3 |
| CN105 | M-4 |
| CN106 | B-4 |
| CN107 | M-5 |
| CN108 | J-5 |
| CN109 | B-5 |
| CN200 | F-1 |
| CN201 | D-6 |
| CN211 | J-2 |
| CN214 | J-6 |
| CN231 | B-6 |
| CN232 | A-1 |
| CN235 | A-3 |
| CN262 | E-3 |
| CN266 | D-1 |
| CN267 | E-1 |
| CN268 | C-1 |
| CN269 | D-1 |
| IC1 | C-1 |
| IC2 | C-1 |

MB-471; MOTHER BOARD



MB-471 1-648-919-11 A SIDE

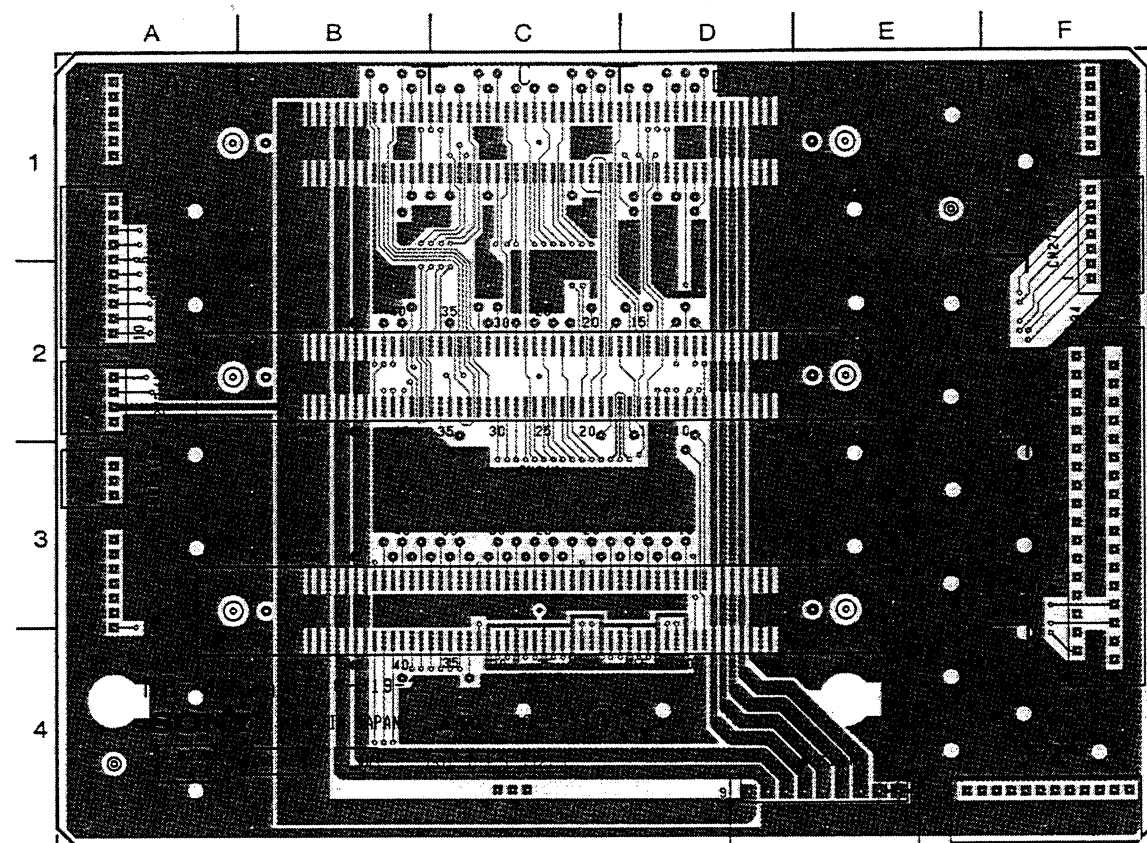


MB-471 1-648-919-11 B SIDE

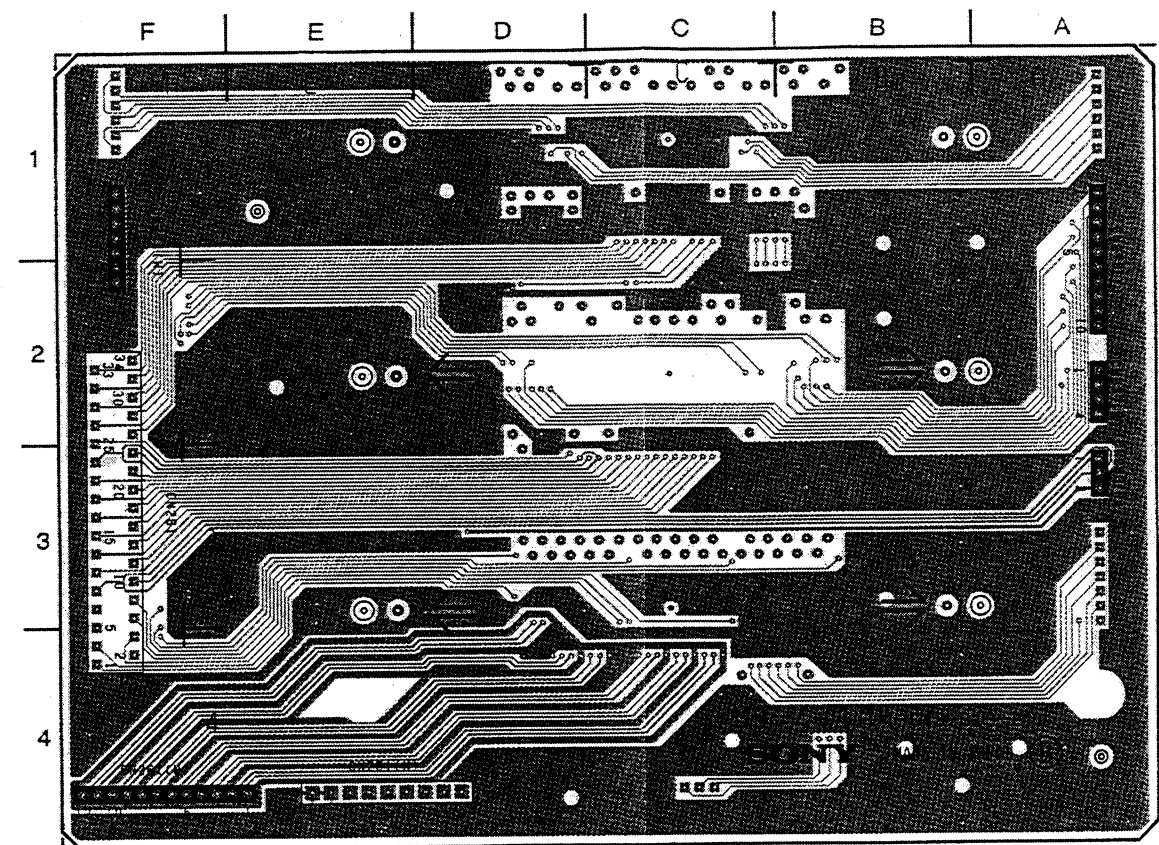
MB-471(1-648-919-11)

| | |
|-------|-----|
| CN110 | C-4 |
| CN111 | C-3 |
| CN112 | C-1 |
| CN251 | E-4 |
| CN261 | F-4 |
| CN263 | A-3 |
| CN264 | A-3 |
| CN265 | B-4 |
| CN274 | F-1 |
| CN275 | F-1 |
| CN276 | A-1 |
| CN277 | A-2 |
| CN278 | A-2 |
| CN281 | F-3 |

MB-471A; MOTHER BOARD



MB-471A 1-648-919-21 A SIDE



MB-471A 1-648-919-21 B SIDE

MB-471A

MB-471A(1-648-919-21)

| | |
|-------|-----|
| CN110 | C-4 |
| CN111 | C-3 |
| CN251 | E-4 |
| CN261 | F-4 |
| CN263 | A-3 |
| CN274 | F-1 |
| CN277 | A-2 |
| CN278 | A-2 |
| CN281 | F-3 |

SECTION 16

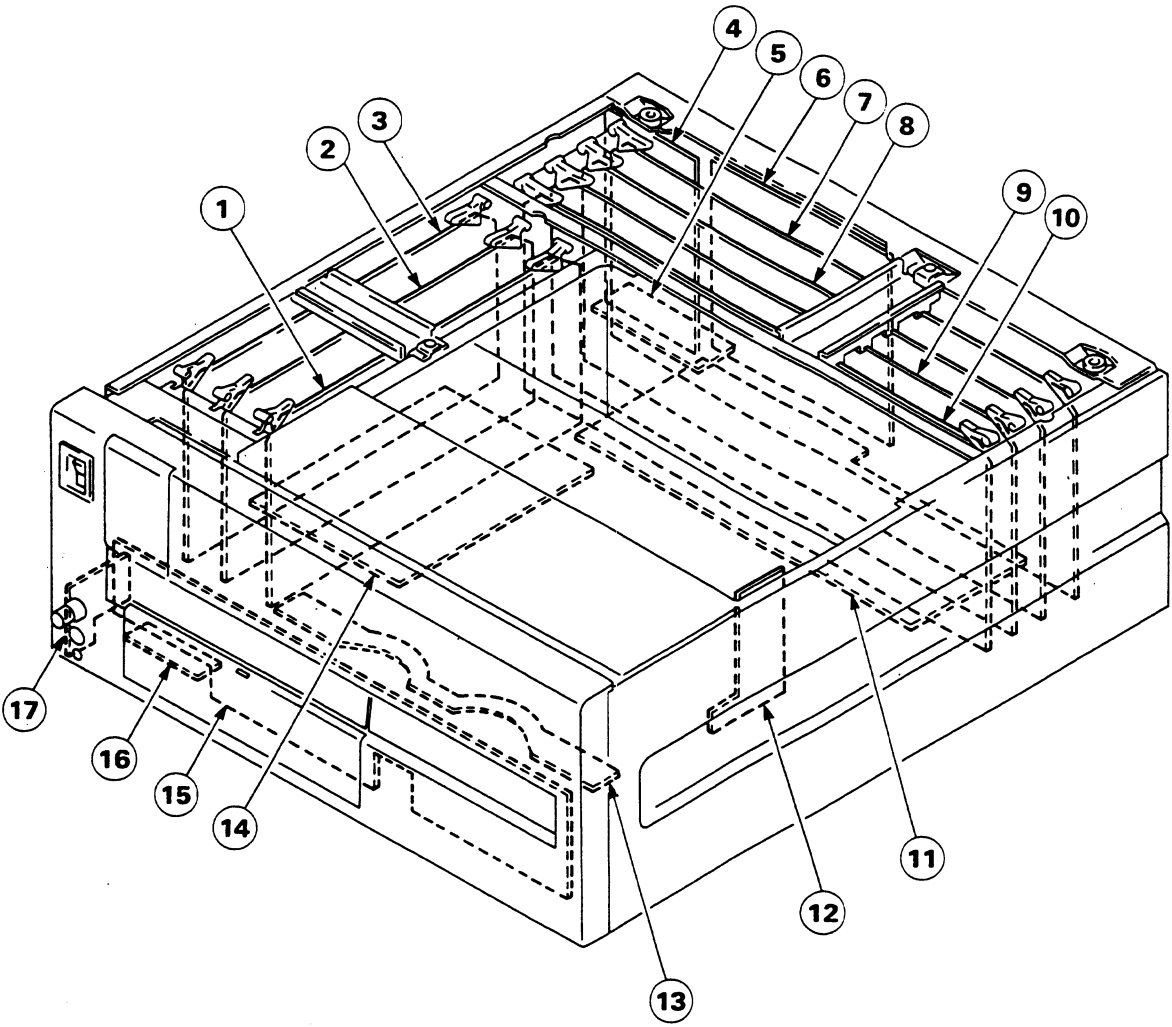
SCHEMATIC DIAGRAMS

SCHEMATIC DIAGRAM INDEX

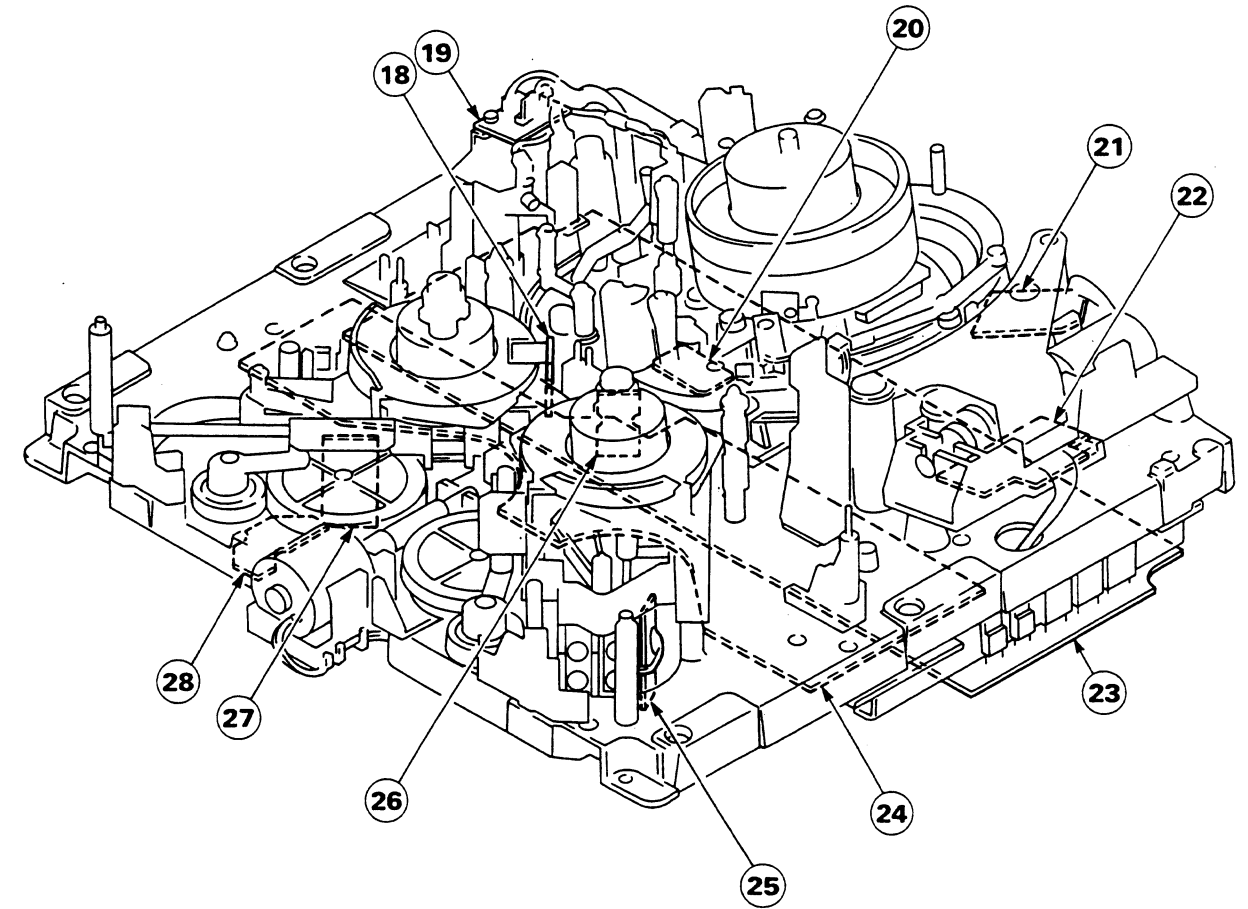
| | Board | Page |
|---|------------------------|--------|
| A | AP-31 (UVW-1800)..... | 16-4 |
| | AP-31A (UVW-1600)..... | 16-16 |
| | AR-14 (UVW-1800)..... | 16-28 |
| C | CP-225/A | 16-43 |
| | CP-226/A | 16-45 |
| D | DR-214 | 16-48 |
| K | KY-249 (UVW-1800)..... | 16-56 |
| | KY-249A(UVW-1600)..... | 16-60 |
| M | MS-39/A | 16-64 |
| | MB-470/A | 16-153 |
| | MB-471/A | 16-161 |
| R | RP-70/A | 16-68 |
| S | SS-53 | 16-76 |
| | SOPS-1045AC/1045M | |
| T | TBC-25 | 16-92 |
| V | VP-43/A | 16-108 |
| | VRA-5 (UVW-1800)..... | 16-136 |
| | FRAME WIRING | 16-165 |

NOTE: The Δ -marked components are critical to safety.
Replace only with same components as specified.

CIRCUIT FUNCTION



- | | |
|-----------------------------------|-----------------------------------------------------------|
| ① RP-70 BOARD(UVW-1800) | ; RF REC/PB AMP.,ROTARY ERASE OSC.,FULL ERASE OSC. |
| RP-70A BOARD(UVW-1600) | ; RF PB AMP. |
| ② AP-31 BOARD(UVW-1800) | ; AUDIO/TC PB AMP.,METER DRIVER |
| AP-31A BOARD(UVW-1600) | ; AUDIO/TC PB AMP.,METER DRIVER |
| ③ AR-14 BOARD(UVW-1800) | ; AUDIO/TC REC AMP.,AUDIO/TC ERASE OSC.,AUDIO BIAS DRIVER |
| ④ CP-226 BOARD(UVW-1800 : FOR UC) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226J BOARD(UVW-1800 : FOR J) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226A BOARD(UVW-1600 : FOR UC) | ; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| CP-226AJ BOARD(UVW-1600 : FOR J) | ; AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER |
| ⑤ CP-237 BOARD(UVW-1800) | ; TBC/9P REMOTE CONNECTOR |
| CP-237A BOARD(UVW-1600) | ; TBC/9P REMOTE CONNECTOR |
| ⑥ CP-225 BOARD(UVW-1800) | ; VIDEO INPUT/OUTPUT CONNECTOR |
| CP-225A BOARD(UVW-1600) | ; VIDEO OUTPUT CONNECTOR |
| ⑦ VRA-5 BOARD(UVW-1800) | ; Y/C REC PROCESS(DECODE,MOD),CTDM(COMPAND) |



- | | |
|--------------------------------------|----------------------------------------------------------------------------------------------------|
| ⑧ VP-43 BOARD(UVW-1800) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| VP-43A BOARD(UVW-1600) | ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX |
| ⑨ TBC-25 BOARD | ; TIME BASE CORRECTOR, CTDM(EXPAND) |
| ⑩ SS-53 BOARD | ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR |
| ⑪ MB-470 BOARD(UVW-1800) | ; MOTHER BOARD |
| MB-470A BOARD(UVW-1600) | ; MOTHER BOARD |
| ⑫ CL-25 BOARD (CASSETTE COMPARTMENT) | ; CASSETTE LOADING BEGIN/NEAR-END SENSOR |
| ⑬ PC-62 BOARD(UVW-1800) | ; CASSETTE IN/LARGE CASSETTE SENSOR |
| ⑭ MB-471 BOARD(UVW-1800) | ; MOTHER BOARD |
| MB-471A BOARD(UVW-1600) | ; MOTHER BOARD |
| ⑮ KY-249 BOARD(UVW-1800) | ; FUNCTION KEY |
| KY-249A BOARD(UVW-1600) | ; FUNCTION KEY |
| ⑯ VR-155 BOARD (UVW-1800) | ; AUDIO REC LEVEL |
| ⑰ HP-61 BOARD(UVW-1800) | ; HEADPHONES JACK/VOLUME CONTROL |
| HP-61A BOARD(UVW-1600) | ; HEADPHONES JACK/VOLUME CONTROL |

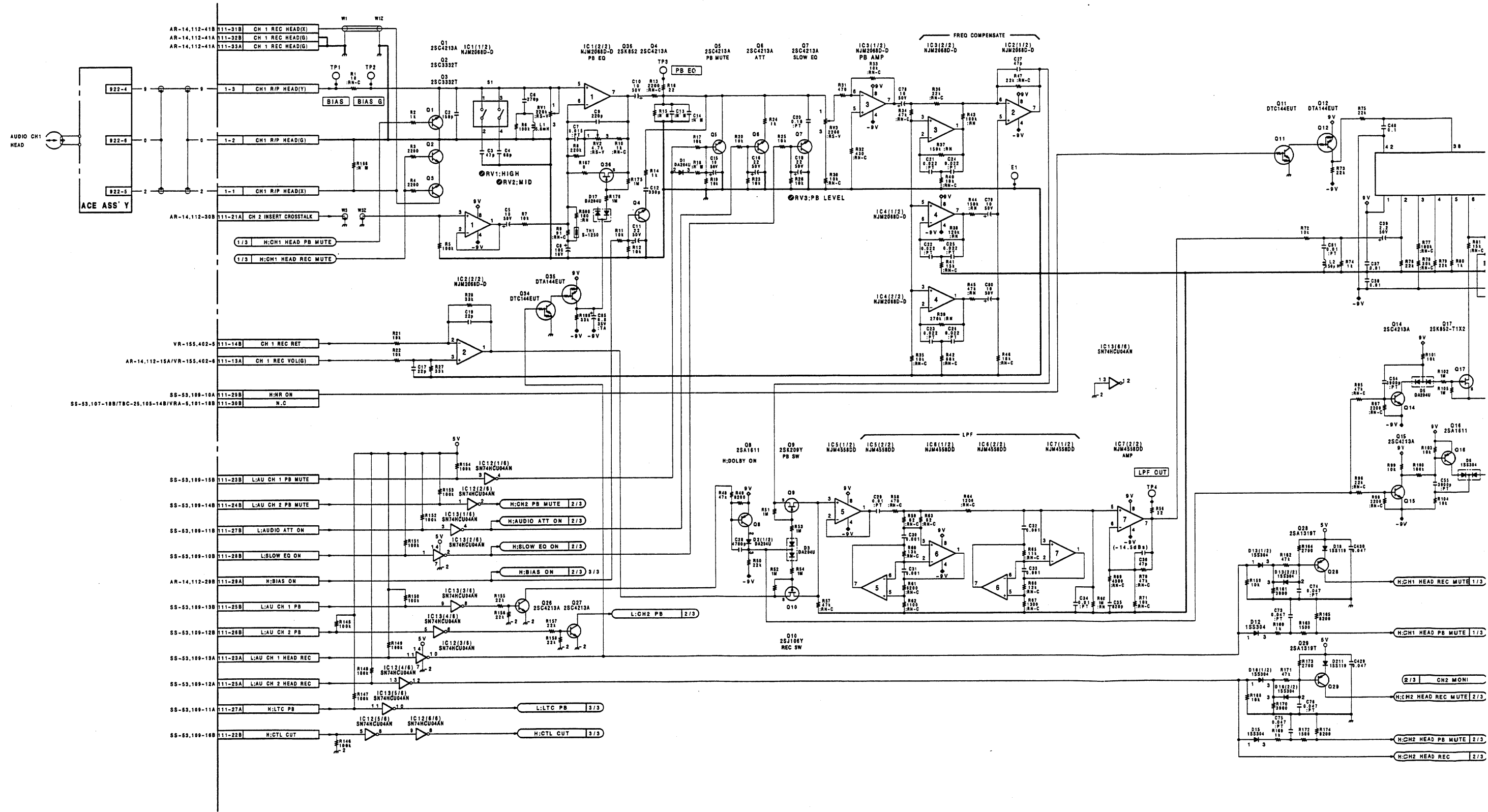
- | | |
|-------------------------|---------------------------------------------------------------------------------------|
| ⑱ SE-207 BOARD(S SIDE) | ; REEL FG |
| ⑲ PD-35 BOARD | ; PINCH SOLENOID |
| ⑳ TR-84 BOARD | ; S-TENSION SENSOR |
| ㉑ PTC-68 BOARD | ; THREAD END/UNTHREAD END SENSOR |
| ㉒ PTC-67 BOARD | ; THREADING FG/MOTOR |
| ㉓ DR-214 BOARD | ; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL REC/PB AMP. |
| ㉔ MS-39 BOARD(UVW-1800) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| MS-39A BOARD(UVW-1600) | ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE |
| ㉕ RM-127 BOARD | ; T-REEL MOTOR |
| ㉖ SE-207 BOARD(T SIDE) | ; REEL FG |
| ㉗ RM-126 BOARD | ; S-REEL MOTOR |
| ㉘ PTC-66 BOARD | ; REEL POSITION SENSOR |

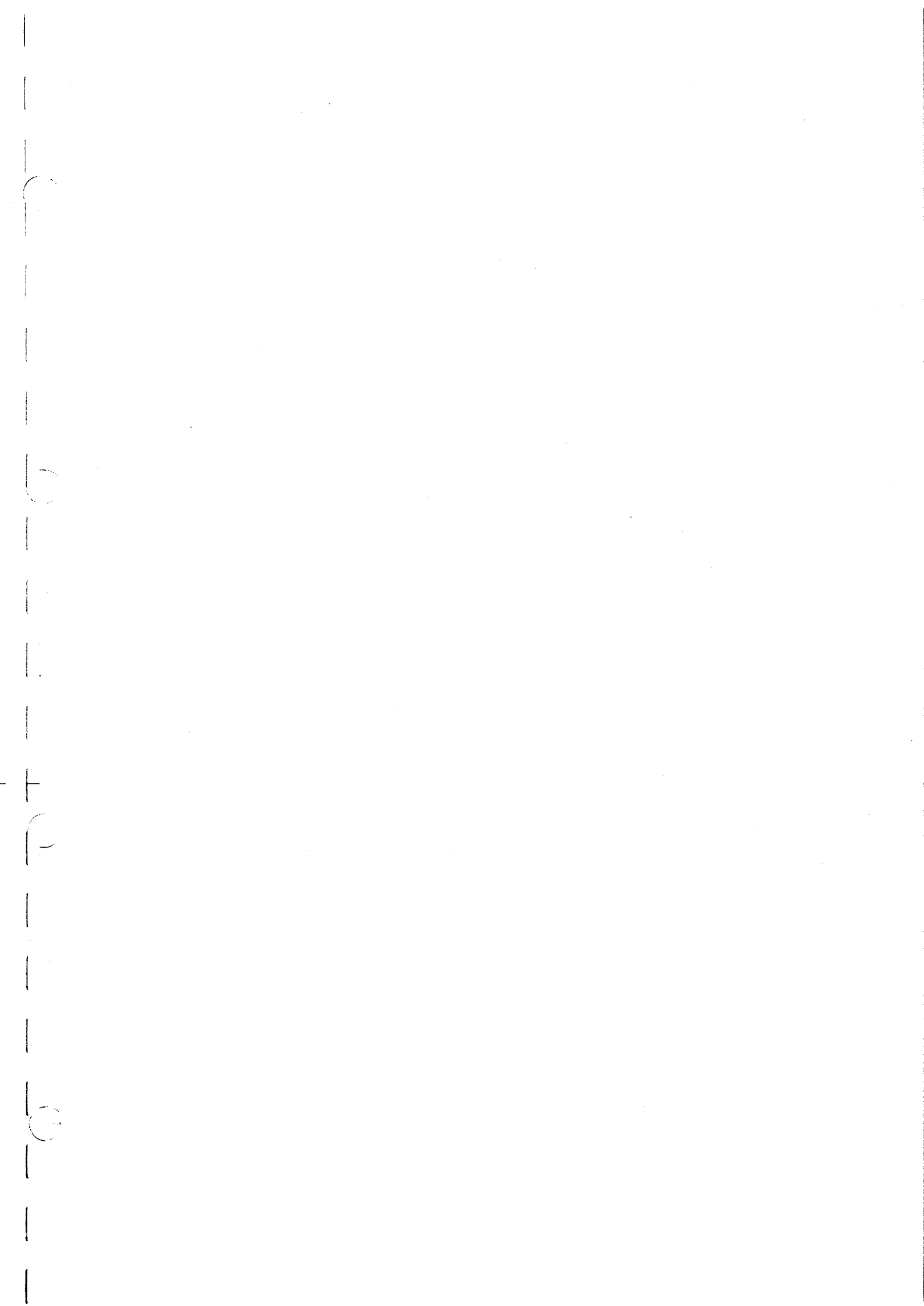
AP-31(1-648-906-11)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV1 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV2 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV3 | J-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV4 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV5 | H-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV201 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV202 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV203 | B-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV204 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | RV205 | C-1 |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | | |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S1 | J-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S2 | G-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S201 | A-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | S202 | C-1 |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | | |
| | | FS82 | H-1 | IC8 | F-2 | *TH1 | J-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | *TH2 | B-2 |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | | |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP3 | J-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP4 | G-2 |
| | | FS87 | H-1 | IC13 | D-4 | TP5 | G-1 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP203 | B-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP204 | C-2 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP205 | D-1 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP402 | G-5 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | TP403 | D-1 |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | | | | |

*: B SIDE

AP-31(1/3);CH-1 PB EQ/NR,LINE/METER/HP DRIVE



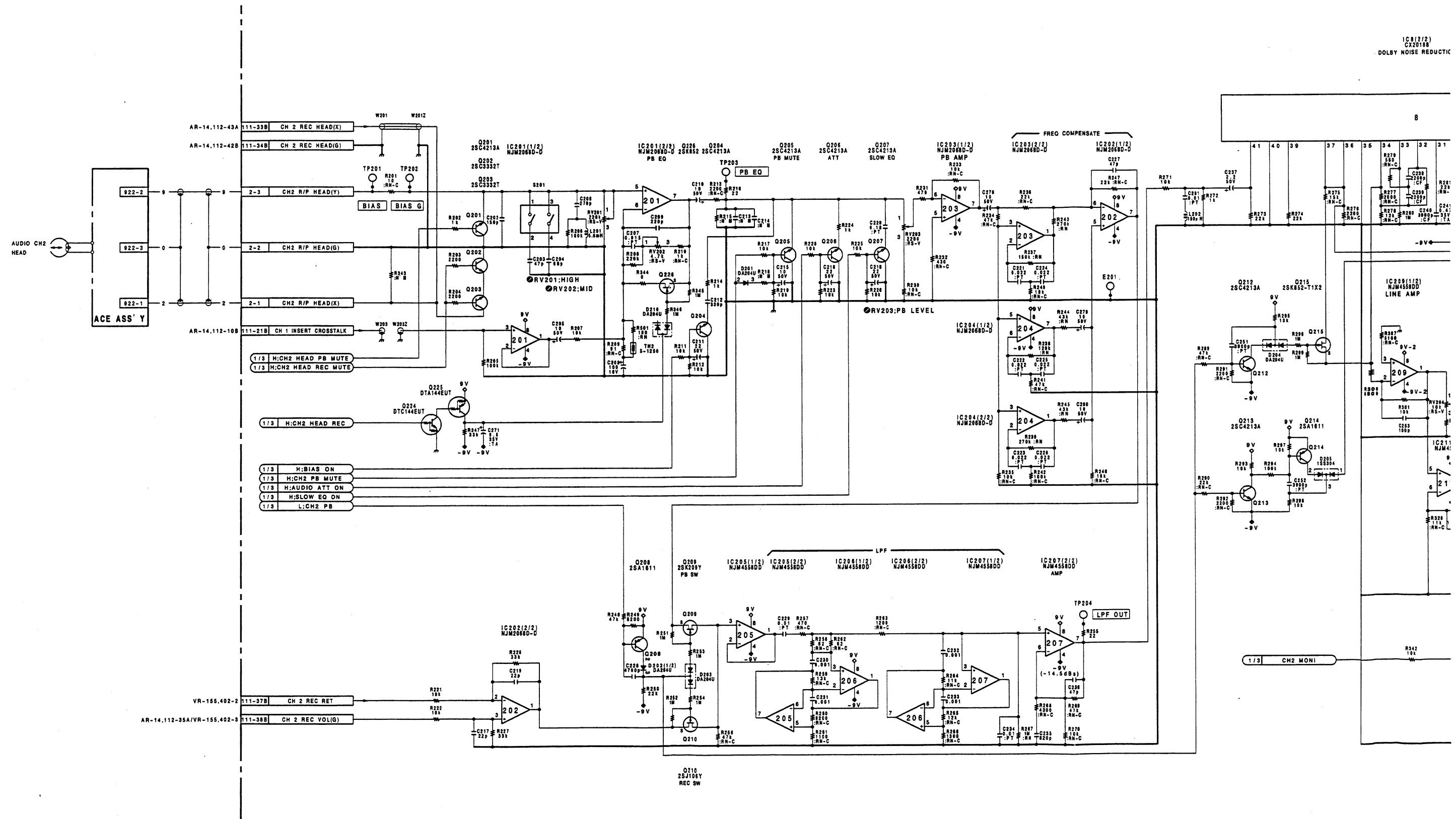


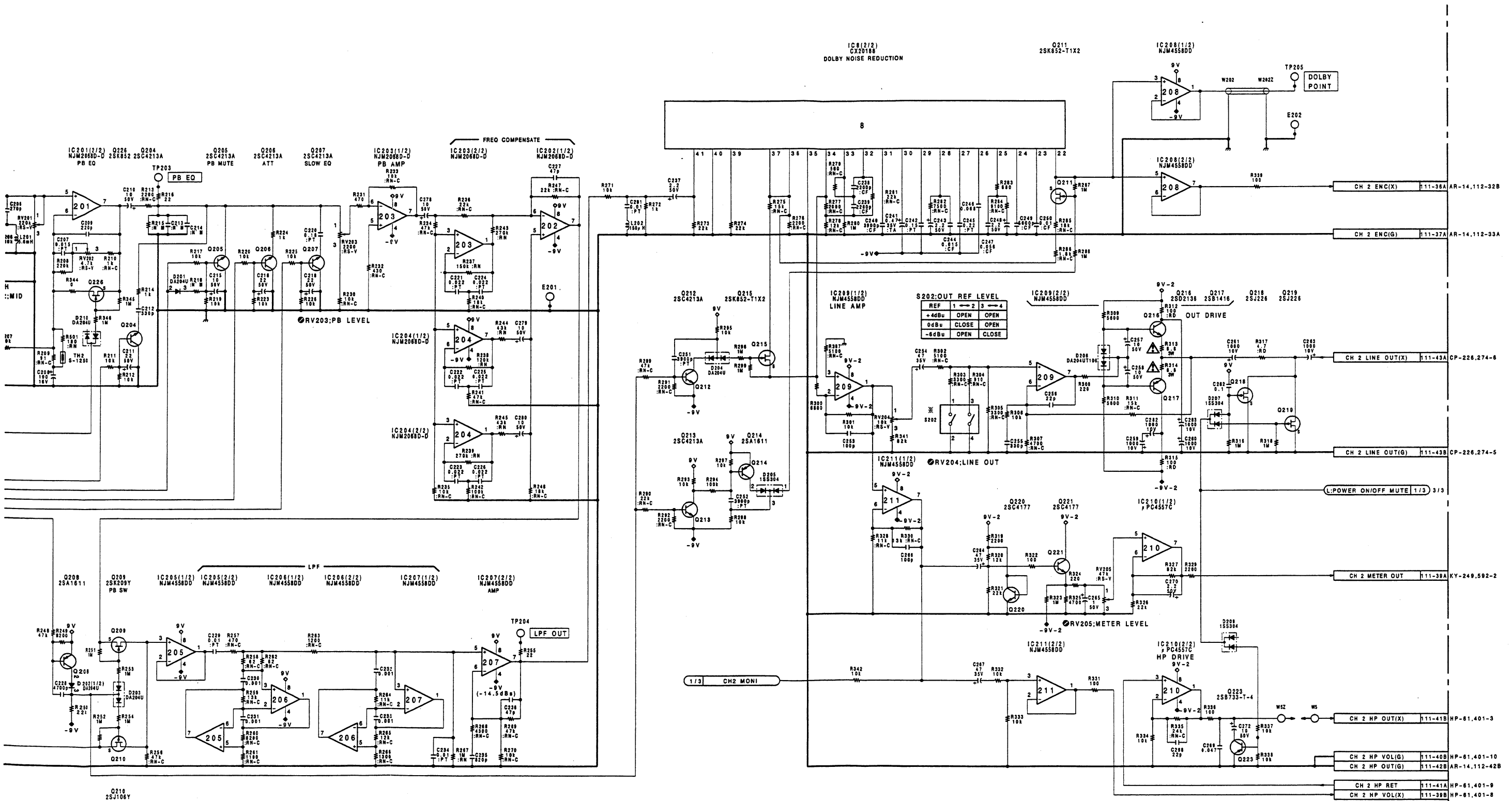
AP-31(1-648-906-11)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV1 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV2 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV3 | J-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV4 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV5 | H-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV201 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV202 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV203 | B-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV204 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | RV205 | C-1 |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | | |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S1 | J-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S2 | G-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S201 | A-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | S202 | C-1 |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | | |
| | | FS82 | H-1 | IC8 | F-2 | *TH1 | J-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | *TH2 | B-2 |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | | |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP3 | J-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP4 | G-2 |
| | | FS87 | H-1 | IC13 | D-4 | TP5 | G-1 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP203 | B-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP204 | C-2 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP205 | D-1 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP402 | G-5 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | TP403 | D-1 |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | | | | |

*: B SIDE

AP-31(2/3);CH-2 PB EQ/NR,LINE/METER/HP DRIVE





AP-31 BOARD (2/3)

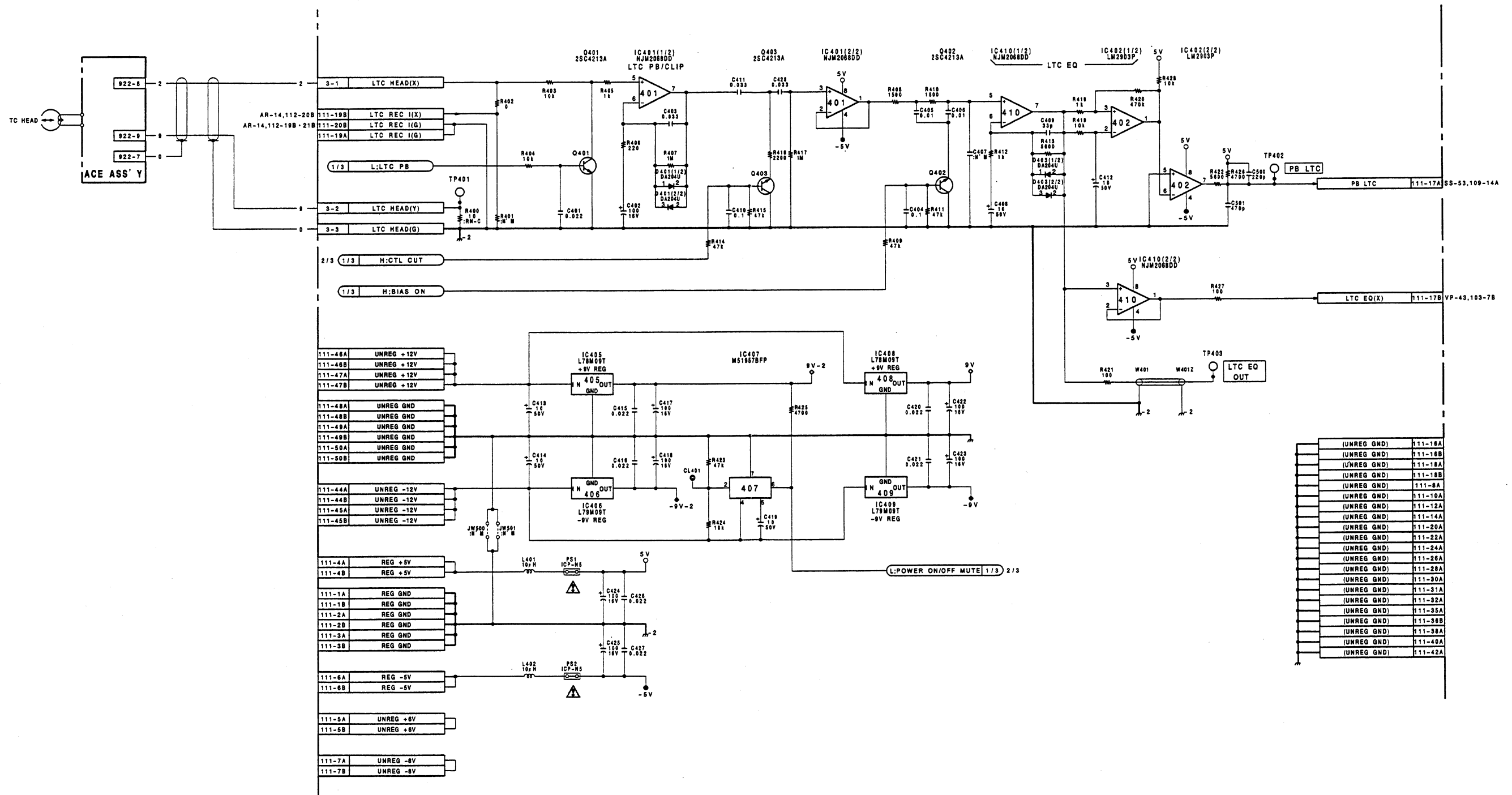
BOARD NO.1-648-906-11
UVW-1800(J);#10001-
UVW-1800(UC);#10001-

AP-31(1-648-906-11)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV1 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV2 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV3 | J-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV4 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV5 | H-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV201 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV202 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV203 | B-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV204 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | RV205 | C-1 |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | | |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S1 | J-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S2 | G-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S201 | A-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | S202 | C-1 |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | | |
| | | FS82 | H-1 | IC8 | F-2 | *TH1 | J-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | *TH2 | B-2 |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | | |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP3 | J-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP4 | G-2 |
| | | FS87 | H-1 | IC13 | D-4 | TP5 | G-1 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP203 | B-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP204 | C-2 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP205 | D-1 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP402 | G-5 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | TP403 | D-1 |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | | | | |

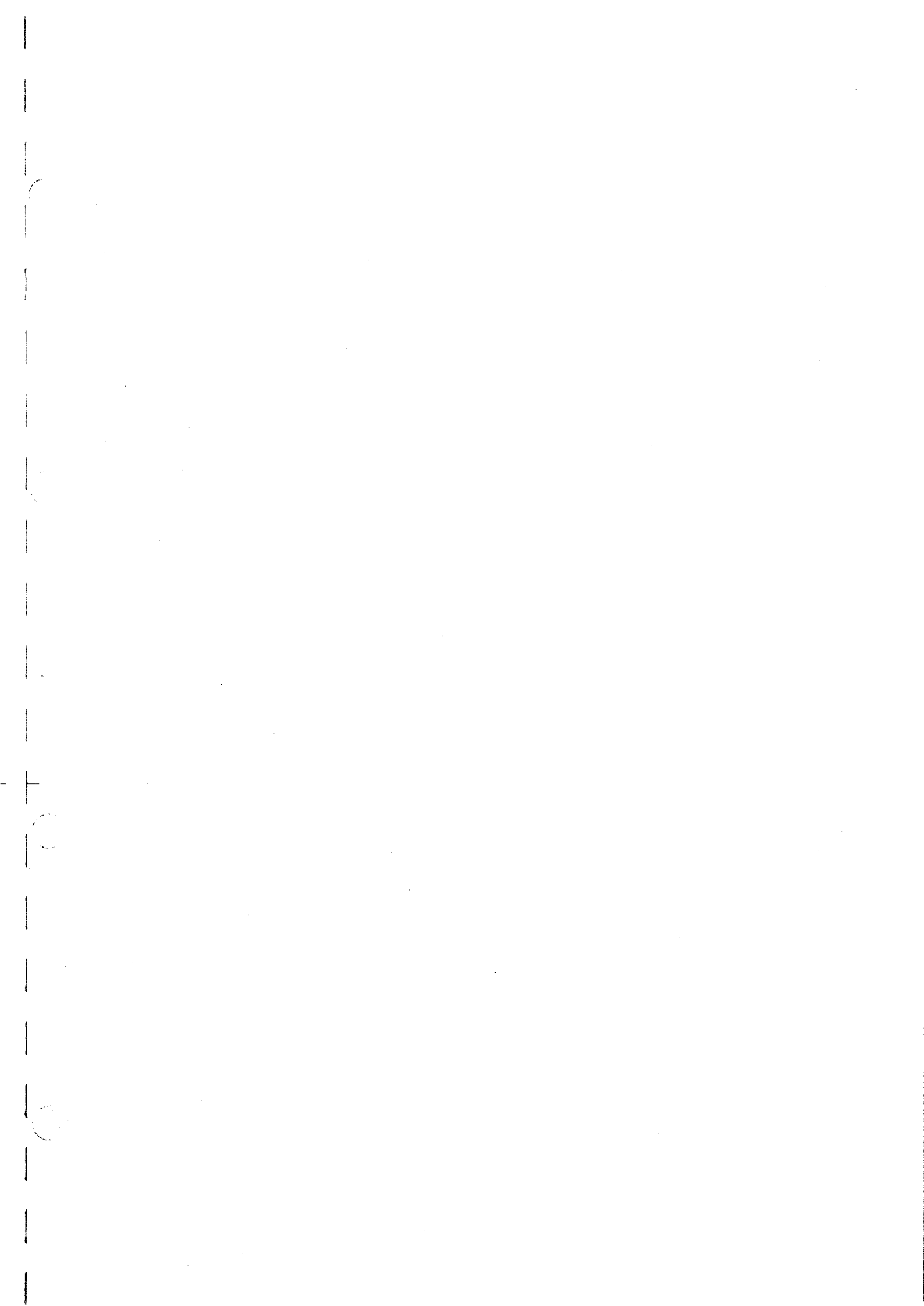
*: B SIDE

AP-31(3/3);LTC PB



AP-31 BOARD (3 / 3)

BOARD NO.1-648-906-11
UVW-1800(J) ;#10001-
UVW-1800(UC);#10001-

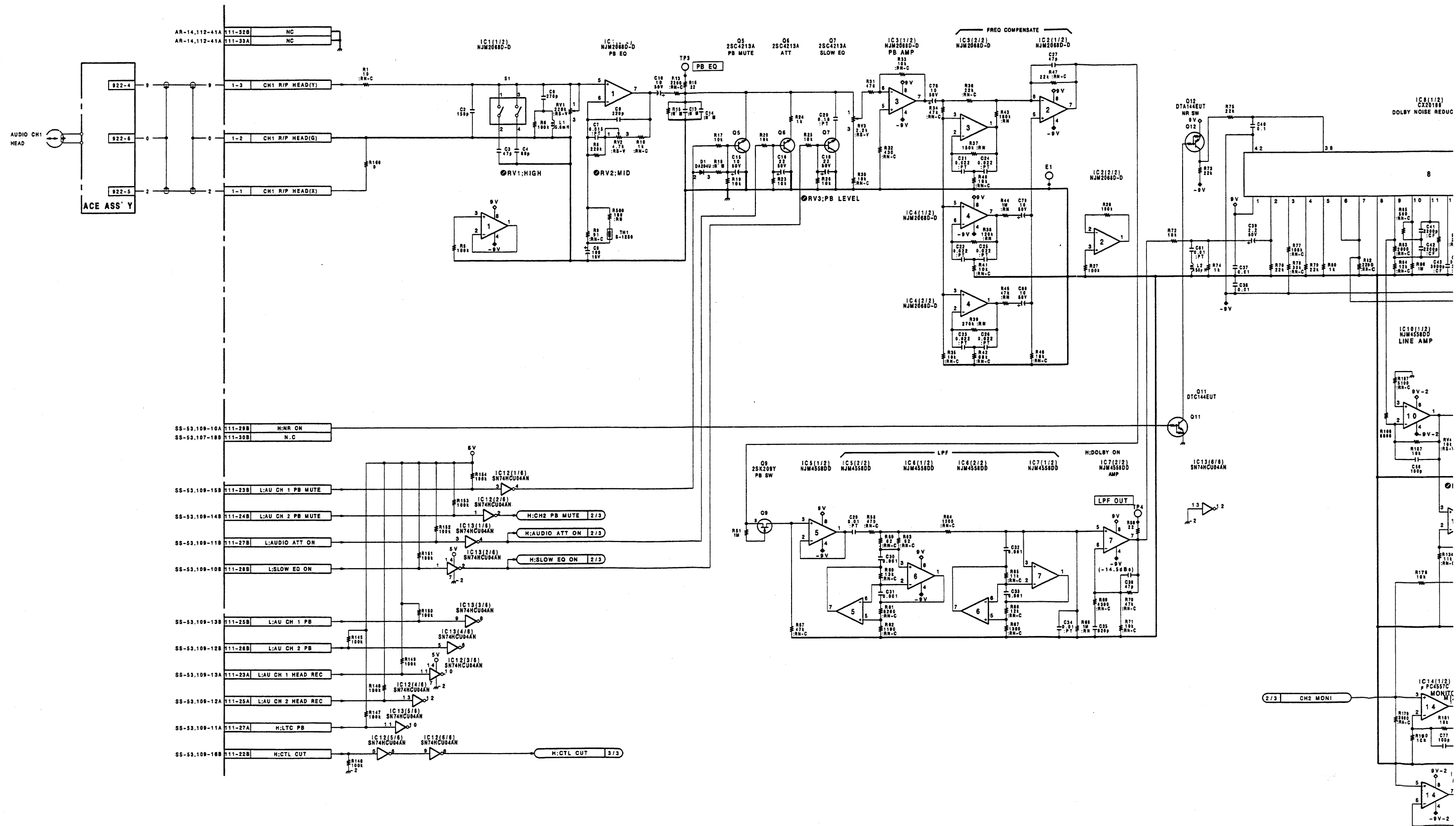


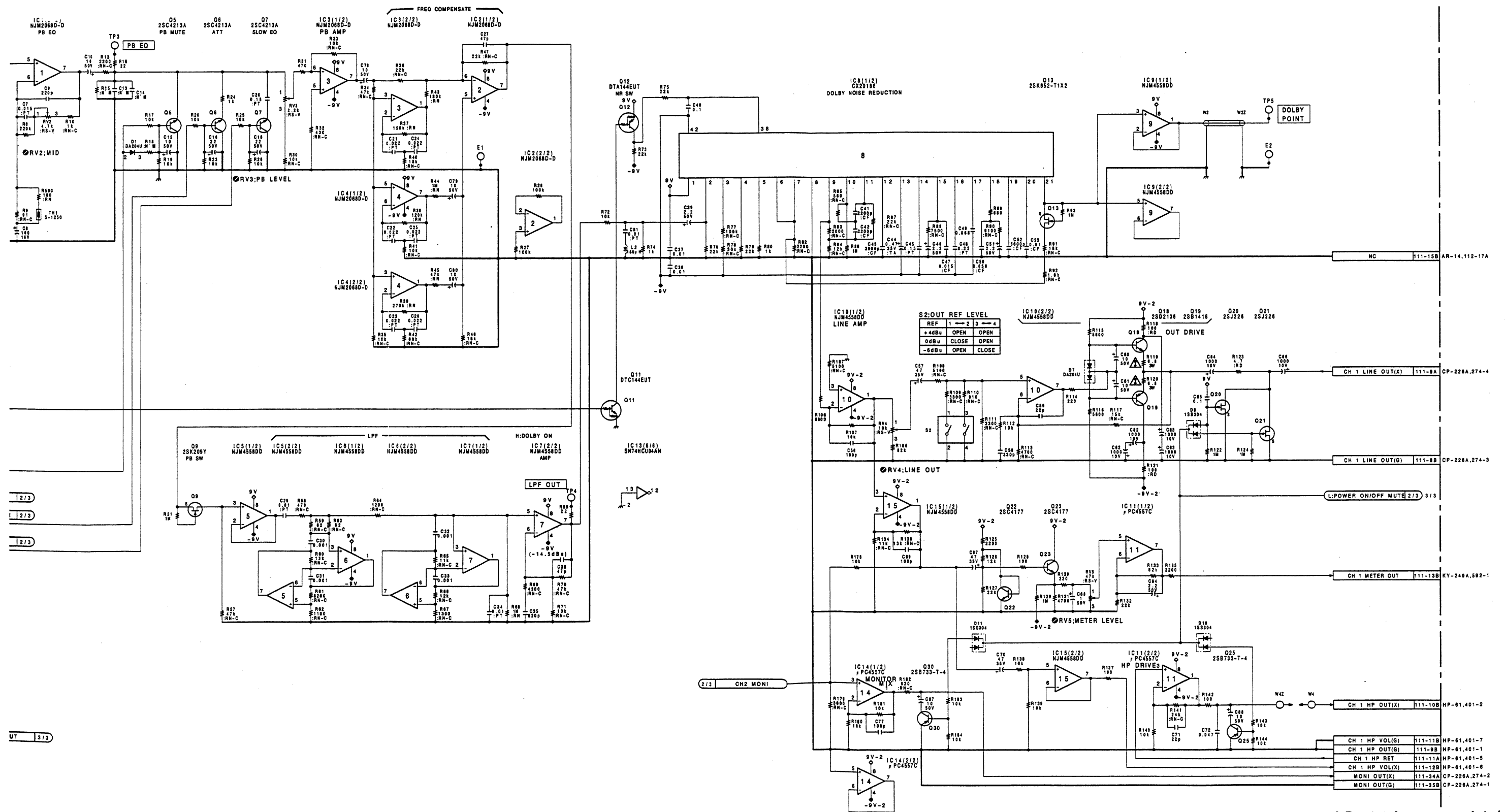
AP-31A(1-648-906-21)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV2 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV3 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV4 | H-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV5 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV201 | B-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV202 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV203 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV204 | C-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV205 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | | |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | S1 | J-1 |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S2 | G-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S201 | A-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S202 | C-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | | |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | *TH1 | J-2 |
| | | FS82 | H-1 | IC8 | F-2 | *TH2 | B-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | | |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | TP3 | J-2 |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP4 | G-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP5 | G-1 |
| | | FS87 | H-1 | IC13 | D-4 | TP203 | B-2 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP204 | C-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP205 | D-1 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP402 | G-5 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP403 | D-1 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | | |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | RV1 | J-1 | | |

*: B SIDE

AP-31A(1/3);CH-1 PB EQ/NR,LINE/METER/HP DRIVE





AP-31A BOARD (1/3)

BOARD NO.1-648-906-21
UVW-1600(J);#10001-
UVW-1600(UC);#10001-

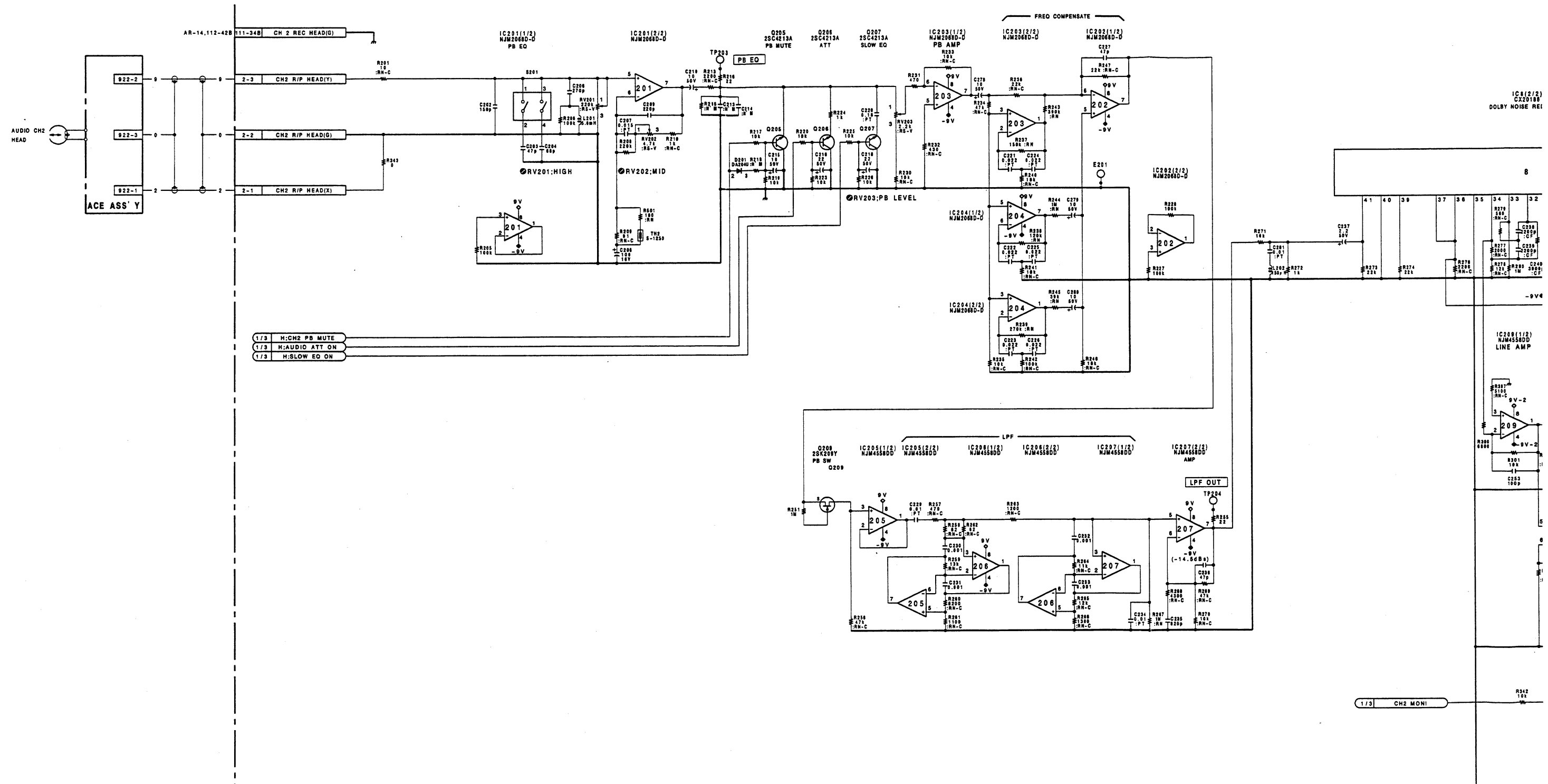


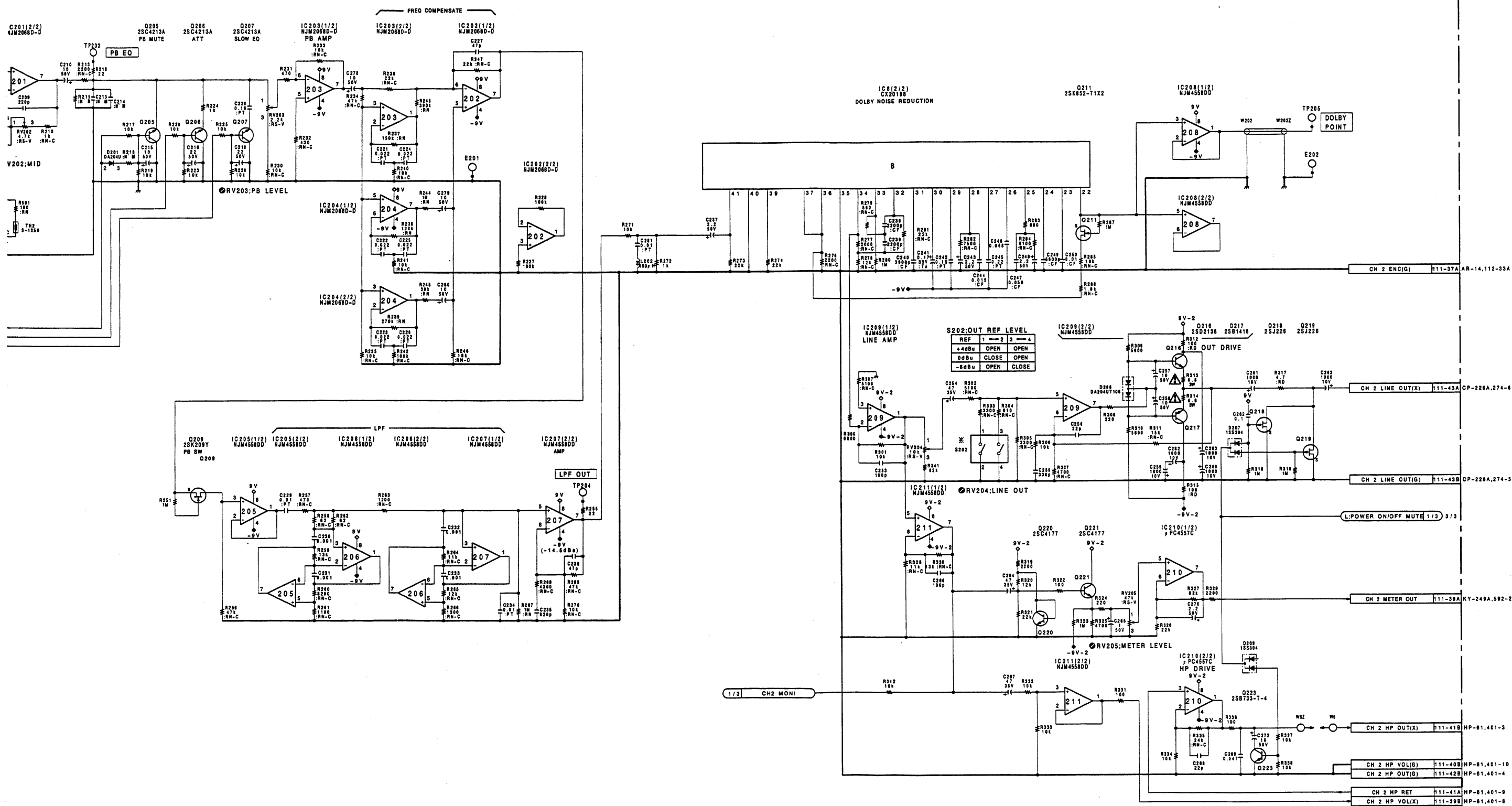
AP-31A(1-648-906-21)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV2 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV3 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV4 | H-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV5 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV201 | B-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV202 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV203 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV204 | C-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV205 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | | |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | S1 | J-1 |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S2 | G-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S201 | A-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S202 | C-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | | |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | *TH1 | J-2 |
| | | FS82 | H-1 | IC8 | F-2 | *TH2 | B-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | | |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | TP3 | J-2 |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP4 | G-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP5 | G-1 |
| | | FS87 | H-1 | IC13 | D-4 | TP203 | B-2 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP204 | C-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP205 | D-1 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP402 | G-5 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP403 | D-1 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | | |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | RV1 | J-1 | | |

*: B SIDE

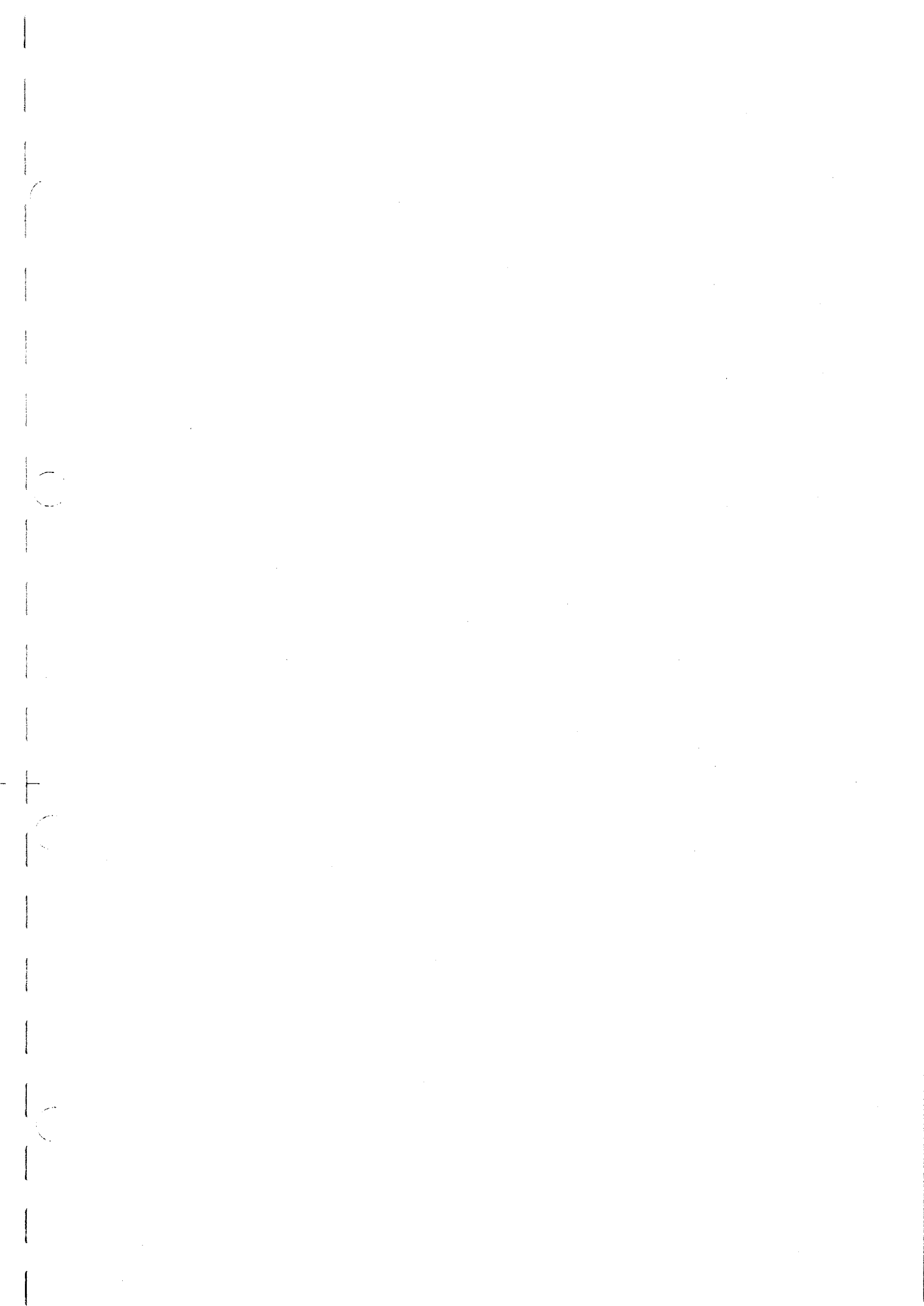
AP-31A(2/3);CH-2 PB EQ/NR,LINE/METER/HP DRIVE





AP-31A BOARD (2/3)

BOARD NO.1-648-906-21
UVW-1600(J) ;#10001-
UVW-1600(UC);#10001-



AP-31A(1-648-906-21)

| | | | | | | | |
|-------|-----|-------|-----|--------|-----|-------|-----|
| CN1 | H-1 | FS64 | B-4 | FS149 | J-5 | RV2 | J-1 |
| CN2 | A-1 | FS65 | D-5 | FS150 | H-5 | RV3 | J-1 |
| CN3 | G-4 | FS66 | D-5 | FS151 | H-5 | RV4 | H-1 |
| CN111 | E-5 | FS67 | D-5 | FS152 | H-5 | RV5 | H-1 |
| | | FS68 | E-5 | FS153 | G-5 | RV201 | B-1 |
| *D1 | J-2 | FS69 | C-5 | FS154 | G-5 | RV202 | B-1 |
| *D7 | J-5 | FS70 | C-5 | FS155 | H-5 | RV203 | B-1 |
| *D8 | H-5 | FS71 | E-3 | FS156 | H-5 | RV204 | C-1 |
| *D10 | G-5 | FS72 | E-3 | | | RV205 | C-1 |
| *D11 | E-3 | FS73 | F-3 | IC1 | J-2 | | |
| *D201 | A-2 | FS74 | E-4 | IC2 | J-4 | S1 | J-1 |
| *D206 | A-5 | FS75 | E-4 | IC3 | J-3 | S2 | G-1 |
| *D207 | B-5 | FS77 | F-4 | IC4 | H-3 | S201 | A-1 |
| *D209 | C-4 | FS79 | F-5 | IC5 | G-4 | S202 | C-1 |
| *D401 | F-3 | FS80 | F-5 | IC6 | G-3 | | |
| *D403 | F-5 | FS81 | H-1 | IC7 | G-3 | *TH1 | J-2 |
| | | FS82 | H-1 | IC8 | F-2 | *TH2 | B-2 |
| E1 | H-4 | FS83 | G-1 | IC9 | G-2 | | |
| E2 | G-1 | FS84 | G-1 | IC10 | G-2 | TP3 | J-2 |
| E201 | B-4 | FS85 | G-1 | IC11 | H-4 | TP4 | G-2 |
| E202 | E-1 | FS86 | G-1 | IC12 | E-5 | TP5 | G-1 |
| | | FS87 | H-1 | IC13 | D-4 | TP203 | B-2 |
| FS1 | A-1 | FS88 | H-1 | IC14 | E-3 | TP204 | C-2 |
| FS3 | A-2 | FS89 | H-1 | IC15 | J-4 | TP205 | D-1 |
| FS5 | B-2 | FS90 | G-1 | IC201 | A-2 | TP402 | G-5 |
| FS6 | B-2 | FS91 | G-1 | IC202 | A-4 | TP403 | D-1 |
| FS7 | A-3 | FS92 | G-2 | IC203 | A-3 | | |
| FS9 | B-3 | FS93 | G-2 | IC204 | B-3 | | |
| FS10 | A-3 | FS94 | F-2 | IC205 | C-4 | | |
| FS11 | B-3 | FS96 | H-2 | IC206 | C-3 | | |
| FS12 | A-3 | FS97 | H-2 | IC207 | C-3 | | |
| FS13 | A-3 | FS98 | F-2 | IC208 | C-2 | | |
| FS14 | B-3 | FS99 | F-2 | IC209 | C-2 | | |
| FS15 | B-3 | FS100 | G-2 | IC210 | C-4 | | |
| FS16 | A-4 | FS101 | H-2 | IC211 | A-4 | | |
| FS17 | A-4 | FS102 | H-2 | IC401 | F-4 | | |
| FS18 | A-4 | FS103 | G-3 | IC402 | F-4 | | |
| FS19 | B-4 | FS106 | H-3 | *IC405 | C-5 | | |
| FS20 | A-4 | FS107 | H-3 | *IC406 | D-5 | | |
| FS21 | A-4 | FS108 | H-3 | *IC407 | D-5 | | |
| FS22 | A-5 | FS109 | H-3 | *IC408 | C-5 | | |
| FS23 | A-5 | FS110 | G-3 | *IC409 | D-5 | | |
| FS24 | A-5 | FS111 | G-4 | IC410 | F-5 | | |
| FS25 | B-5 | FS112 | G-4 | | | | |
| FS26 | A-5 | FS114 | H-4 | PS1 | G-5 | | |
| FS27 | B-5 | FS115 | H-4 | PS2 | G-5 | | |
| FS28 | B-5 | FS116 | G-4 | | | | |
| FS29 | B-5 | FS117 | H-4 | *Q5 | J-2 | | |
| FS30 | C-1 | FS118 | H-4 | *Q6 | J-2 | | |
| FS31 | C-1 | FS119 | H-5 | *Q7 | J-2 | | |
| FS32 | C-1 | FS121 | G-5 | *Q9 | H-4 | | |
| FS33 | C-1 | FS122 | G-5 | *Q11 | C-2 | | |
| FS34 | C-1 | FS123 | H-5 | *Q12 | E-2 | | |
| FS35 | C-1 | FS124 | H-5 | *Q13 | E-1 | | |
| FS36 | D-1 | FS125 | H-1 | Q18 | J-5 | | |
| FS38 | C-2 | FS126 | J-1 | Q19 | J-5 | | |
| FS39 | C-2 | FS127 | J-1 | Q20 | H-5 | | |
| FS40 | C-2 | FS128 | J-1 | Q21 | H-5 | | |
| FS41 | D-2 | FS129 | H-2 | *Q22 | J-4 | | |
| FS43 | C-2 | FS131 | J-2 | *Q23 | H-4 | | |
| FS44 | D-2 | FS132 | J-2 | Q25 | G-4 | | |
| FS45 | D-2 | FS133 | J-3 | Q30 | E-3 | | |
| FS46 | D-2 | FS135 | J-3 | *Q205 | A-2 | | |
| FS47 | C-3 | FS136 | H-3 | *Q206 | A-2 | | |
| FS48 | C-3 | FS137 | J-3 | *Q207 | B-2 | | |
| FS49 | C-3 | FS138 | J-3 | *Q209 | B-4 | | |
| FS50 | C-3 | FS139 | H-3 | *Q211 | E-1 | | |
| FS51 | C-3 | FS140 | J-3 | Q216 | A-5 | | |
| FS53 | C-3 | FS141 | J-3 | Q217 | A-5 | | |
| FS54 | C-4 | FS142 | J-4 | Q218 | C-5 | | |
| FS56 | D-4 | FS143 | J-4 | Q219 | C-5 | | |
| FS57 | D-4 | FS144 | J-4 | *Q220 | B-4 | | |
| FS58 | C-4 | FS145 | J-4 | *Q221 | B-4 | | |
| FS59 | C-4 | FS146 | J-4 | Q223 | C-4 | | |
| FS61 | D-4 | FS147 | J-5 | *Q403 | F-3 | | |
| FS63 | D-4 | FS148 | J-5 | RV1 | J-1 | | |

*: B SIDE

AP-31A(3/3);LTC PB



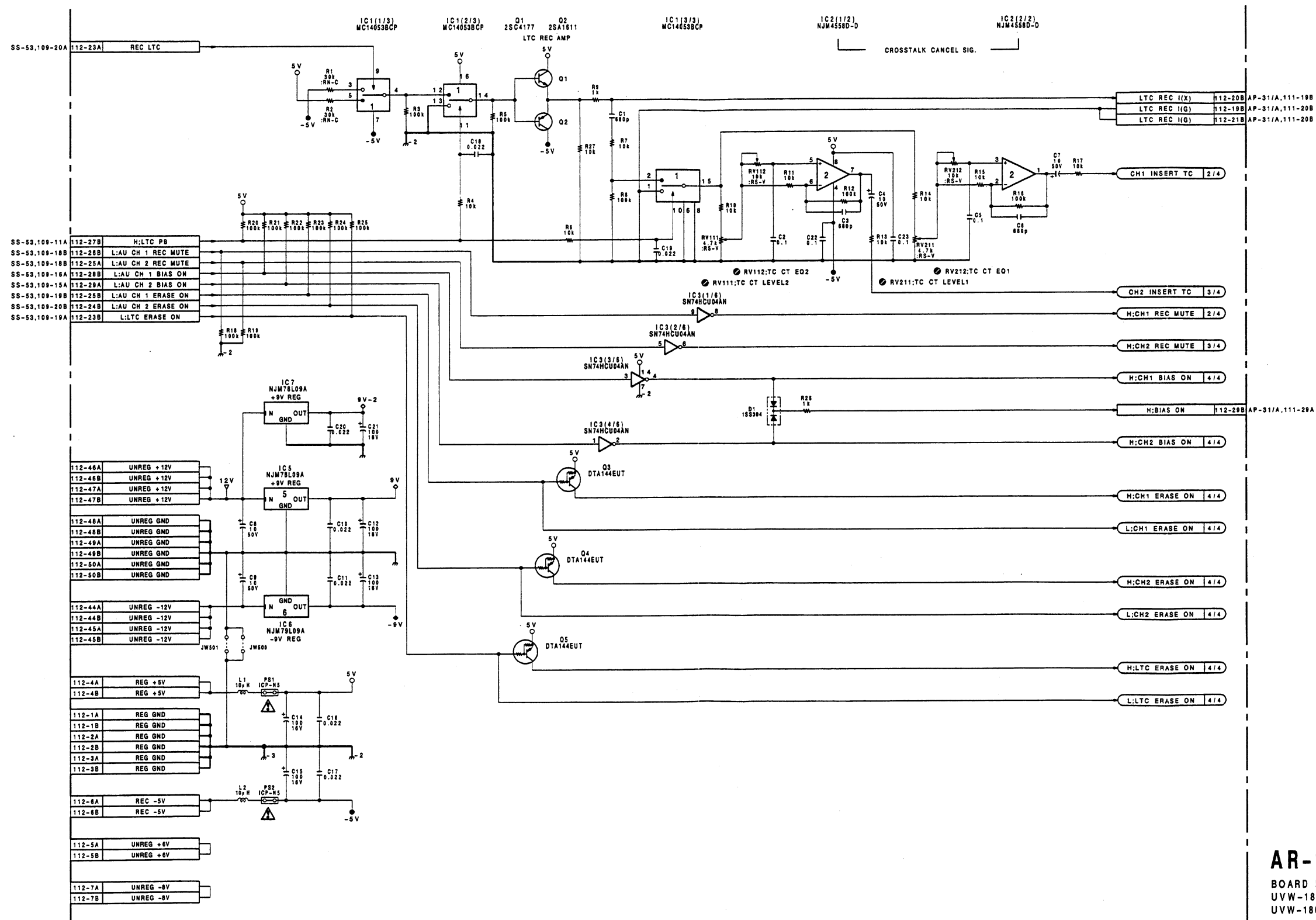
BOARD NO.1-648-906-21
UVW-1600(J) ;#10001-
UVW-1600(UC);#10001-

AR-14(1-648-907-11)

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| CN1 | J-5 | FS44 | C-3 | FS123 | H-1 | *Q1 | E-5 | TP301 | J-1 |
| CN112 | E-5 | FS45 | C-3 | FS124 | J-1 | *Q2 | E-5 | TP311 | J-1 |
| | | FS46 | C-3 | FS125 | H-2 | *Q3 | E-5 | TP321 | J-1 |
| *D1 | D-5 | FS47 | C-3 | FS126 | H-2 | *Q4 | E-5 | | |
| *D101 | J-2 | FS48 | C-3 | FS127 | H-2 | *Q5 | F-5 | X301 | D-3 |
| *D102 | J-1 | FS49 | C-4 | FS128 | H-4 | *Q101 | G-1 | | |
| *D103 | C-3 | FS50 | C-4 | FS129 | J-1 | *Q102 | E-4 | | |
| *D201 | A-2 | FS51 | C-5 | FS130 | J-1 | *Q103 | G-2 | | |
| *D202 | A-1 | FS52 | D-1 | FS131 | J-1 | Q104 | C-4 | | |
| *D203 | A-3 | FS54 | D-3 | FS132 | J-2 | Q105 | B-4 | | |
| *D301 | C-5 | FS55 | D-3 | FS133 | J-2 | *Q201 | C-1 | | |
| *D302 | D-4 | FS56 | D-3 | FS134 | J-2 | *Q202 | E-4 | | |
| *D303 | B-3 | FS57 | D-4 | FS135 | H-2 | *Q203 | C-1 | | |
| *D304 | B-5 | FS58 | D-4 | FS136 | J-2 | Q204 | A-4 | | |
| *D305 | B-3 | FS59 | D-4 | FS137 | J-2 | Q205 | A-4 | | |
| *D306 | A-5 | FS60 | D-5 | FS138 | J-3 | *Q301 | B-3 | | |
| *D311 | G-4 | FS61 | D-1 | FS139 | J-3 | Q302 | C-5 | | |
| *D312 | G-4 | FS62 | E-1 | FS140 | J-5 | *Q303 | B-3 | | |
| *D313 | J-3 | FS63 | D-3 | FS141 | J-5 | Q304 | A-5 | | |
| *D314 | F-3 | FS64 | E-3 | FS142 | J-1 | Q305 | C-5 | | |
| *D321 | G-3 | FS65 | E-3 | FS143 | J-1 | Q306 | A-5 | | |
| *D322 | G-3 | FS66 | D-4 | FS144 | J-1 | *Q311 | F-3 | | |
| *D323 | J-2 | FS68 | E-4 | FS145 | J-2 | Q312 | G-4 | | |
| *D324 | E-4 | FS69 | D-4 | FS146 | J-2 | *Q313 | F-2 | | |
| *D331 | G-5 | FS70 | D-4 | FS147 | J-2 | *Q314 | H-4 | | |
| *D332 | G-5 | FS72 | E-1 | FS148 | J-3 | *Q315 | H-4 | | |
| *D334 | E-4 | FS73 | E-2 | FS149 | J-3 | Q316 | H-3 | | |
| | | FS74 | E-3 | FS150 | J-4 | Q317 | H-4 | | |
| E106 | H-1 | FS75 | F-3 | FS152 | H-2 | *Q318 | J-3 | | |
| E206 | A-1 | FS76 | E-3 | FS153 | E-1 | Q319 | G-4 | | |
| E301 | J-1 | FS77 | F-3 | FS154 | F-1 | *Q321 | G-3 | | |
| E311 | J-1 | FS78 | E-4 | FS155 | J-5 | Q322 | G-2 | | |
| | | FS79 | E-4 | FS156 | J-4 | *Q323 | E-3 | | |
| FS1 | A-1 | FS80 | F-4 | | | *Q324 | H-2 | | |
| FS2 | A-1 | FS81 | E-5 | IC1 | E-4 | *Q325 | H-3 | | |
| FS3 | A-1 | FS82 | E-5 | IC2 | E-2 | Q326 | H-2 | | |
| FS4 | A-2 | FS83 | F-1 | IC3 | D-5 | Q327 | H-3 | | |
| FS5 | A-2 | FS84 | F-1 | IC5 | B-5 | *Q328 | J-2 | | |
| FS6 | A-5 | FS85 | F-1 | IC6 | B-5 | Q329 | G-2 | | |
| FS7 | A-2 | FS86 | F-1 | IC7 | C-5 | *Q331 | F-5 | | |
| FS8 | A-2 | FS87 | F-1 | IC101 | J-2 | Q332 | G-5 | | |
| FS9 | A-2 | FS88 | F-2 | IC102 | J-2 | *Q333 | F-3 | | |
| FS10 | A-5 | FS89 | F-2 | IC103 | H-2 | *Q334 | H-4 | | |
| FS11 | A-5 | FS90 | F-2 | IC104 | G-2 | *Q335 | H-5 | | |
| FS12 | A-5 | FS91 | F-3 | IC105 | F-2 | Q336 | H-4 | | |
| FS13 | B-1 | FS92 | F-3 | IC201 | A-2 | Q337 | H-5 | | |
| FS14 | B-2 | FS93 | F-3 | IC202 | B-2 | Q339 | G-5 | | |
| FS15 | B-5 | FS94 | F-4 | IC203 | C-2 | | | | |
| FS16 | B-5 | FS95 | F-4 | IC204 | D-2 | RV106 | J-1 | | |
| FS17 | A-5 | FS96 | F-4 | IC205 | E-2 | RV107 | H-1 | | |
| FS18 | A-5 | FS97 | F-4 | IC301 | D-3 | RV108 | H-1 | | |
| FS19 | A-5 | FS98 | F-5 | IC302 | D-4 | RV109 | G-1 | | |
| FS20 | B-1 | FS99 | F-5 | IC303 | C-4 | RV110 | F-1 | | |
| FS21 | B-2 | FS100 | F-5 | IC304 | C-3 | RV111 | C-1 | | |
| FS22 | B-2 | FS101 | F-5 | IC305 | D-3 | RV112 | C-1 | | |
| FS23 | B-3 | FS102 | F-5 | IC306 | C-3 | RV206 | A-1 | | |
| FS24 | B-3 | FS103 | F-5 | IC307 | C-5 | RV207 | B-1 | | |
| FS25 | B-4 | FS104 | F-5 | IC308 | C-4 | RV208 | B-1 | | |
| FS26 | B-5 | FS105 | F-5 | IC309 | B-5 | RV209 | B-1 | | |
| FS27 | B-1 | FS106 | F-5 | IC310 | G-3 | RV210 | D-1 | | |
| FS28 | B-2 | FS107 | G-1 | IC311 | E-3 | RV211 | G-1 | | |
| FS29 | C-2 | FS108 | G-1 | IC312 | E-4 | RV212 | F-1 | | |
| FS30 | B-5 | FS109 | G-2 | IC313 | G-5 | RV301 | B-4 | | |
| FS31 | B-5 | FS110 | G-2 | IC314 | E-3 | RV302 | B-4 | | |
| FS32 | B-5 | FS111 | G-2 | IC315 | J-3 | | | | |
| FS33 | B-5 | FS112 | G-2 | IC316 | J-5 | | | | |
| FS34 | C-1 | FS113 | G-3 | | | RY301 | J-3 | | |
| FS35 | C-2 | FS114 | G-3 | LV101 | C-2 | RY311 | J-2 | | |
| FS36 | C-2 | FS115 | G-3 | LV201 | A-2 | | | | |
| FS37 | C-5 | FS116 | G-4 | LV301 | J-4 | S103 | J-1 | | |
| FS38 | C-5 | FS117 | G-4 | LV311 | J-3 | S203 | A-1 | | |
| FS39 | C-5 | FS118 | G-4 | LV321 | J-5 | | | | |
| FS40 | C-1 | FS119 | G-5 | | | *TH1 | G-2 | | |
| FS41 | C-1 | FS120 | G-5 | PS1 | H-5 | *TH2 | C-2 | | |
| FS42 | C-2 | FS121 | G-5 | PS2 | H-5 | TP106 | H-1 | | |
| FS43 | C-2 | FS122 | H-1 | | | TP206 | A-1 | | |

*: B SIDE

AR-14(1/4);LTC REC/CANCEL CROSSTALK SIG.



AR-14 BOARD (1/4)

BOARD NO.1-648-907-11
 UVW-1800(J) ;#10001-
 UVW-1800(UC);#10001-

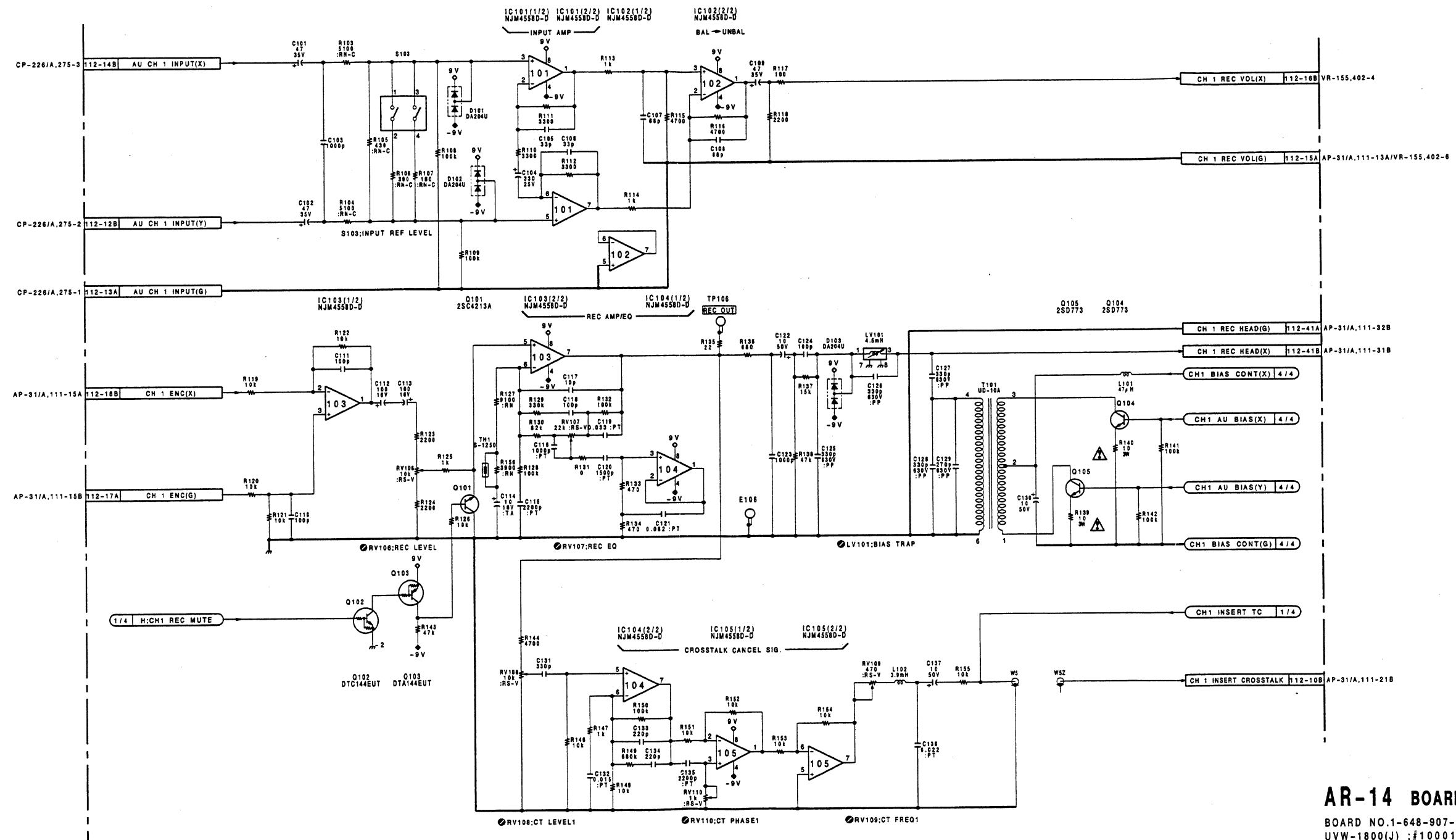


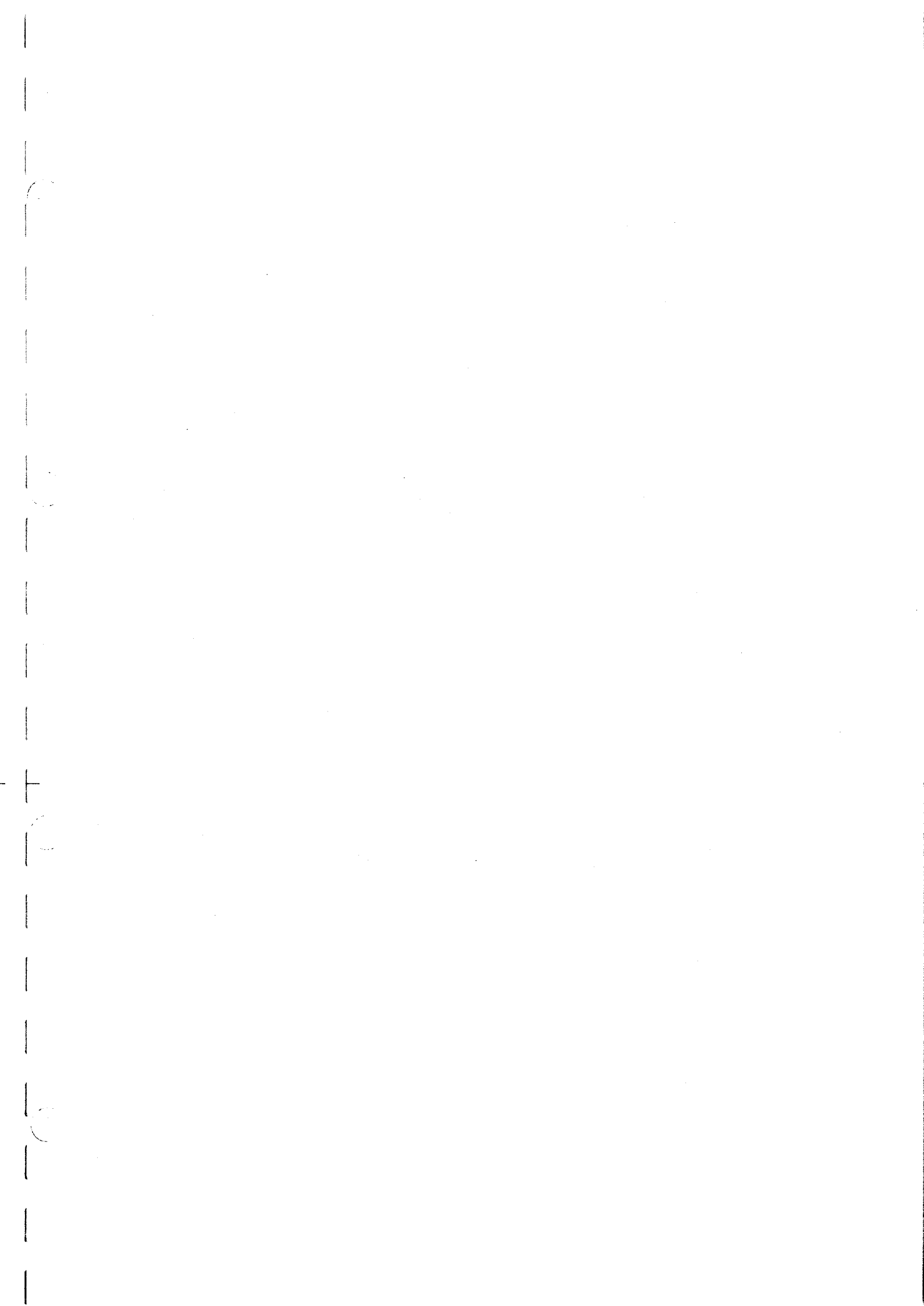
AR-14(1-648-907-11)

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| CN1 | J-5 | FS44 | C-3 | FS123 | H-1 | *Q1 | E-5 | TP301 | J-1 |
| CN112 | E-5 | FS45 | C-3 | FS124 | J-1 | *Q2 | E-5 | TP311 | J-1 |
| | | FS46 | C-3 | FS125 | H-2 | *Q3 | E-5 | TP321 | J-1 |
| *D1 | D-5 | FS47 | C-3 | FS126 | H-2 | *Q4 | E-5 | | |
| *D101 | J-2 | FS48 | C-3 | FS127 | H-2 | *Q5 | F-5 | X301 | D-3 |
| *D102 | J-1 | FS49 | C-4 | FS128 | H-4 | *Q101 | G-1 | | |
| *D103 | C-3 | FS50 | C-4 | FS129 | J-1 | *Q102 | E-4 | | |
| *D201 | A-2 | FS51 | C-5 | FS130 | J-1 | *Q103 | G-2 | | |
| *D202 | A-1 | FS52 | D-1 | FS131 | J-1 | Q104 | C-4 | | |
| *D203 | A-3 | FS54 | D-3 | FS132 | J-2 | Q105 | B-4 | | |
| *D301 | C-5 | FS55 | D-3 | FS133 | J-2 | *Q201 | C-1 | | |
| *D302 | D-4 | FS56 | D-3 | FS134 | J-2 | *Q202 | E-4 | | |
| *D303 | B-3 | FS57 | D-4 | FS135 | H-2 | *Q203 | C-1 | | |
| *D304 | B-5 | FS58 | D-4 | FS136 | J-2 | Q204 | A-4 | | |
| *D305 | B-3 | FS59 | D-4 | FS137 | J-2 | Q205 | A-4 | | |
| *D306 | A-5 | FS60 | D-5 | FS138 | J-3 | *Q301 | B-3 | | |
| *D311 | G-4 | FS61 | D-1 | FS139 | J-3 | Q302 | C-5 | | |
| *D312 | G-4 | FS62 | E-1 | FS140 | J-5 | *Q303 | B-3 | | |
| *D313 | J-3 | FS63 | D-3 | FS141 | J-5 | Q304 | A-5 | | |
| *D314 | F-3 | FS64 | E-3 | FS142 | J-1 | Q305 | C-5 | | |
| *D321 | G-3 | FS65 | E-3 | FS143 | J-1 | Q306 | A-5 | | |
| *D322 | G-3 | FS66 | D-4 | FS144 | J-1 | *Q311 | F-3 | | |
| *D323 | J-2 | FS68 | E-4 | FS145 | J-2 | Q312 | G-4 | | |
| *D324 | E-4 | FS69 | D-4 | FS146 | J-2 | *Q313 | F-2 | | |
| *D331 | G-5 | FS70 | D-4 | FS147 | J-2 | *Q314 | H-4 | | |
| *D332 | G-5 | FS72 | E-1 | FS148 | J-3 | *Q315 | H-4 | | |
| *D334 | E-4 | FS73 | E-2 | FS149 | J-3 | Q316 | H-3 | | |
| | | FS74 | E-3 | FS150 | J-4 | Q317 | H-4 | | |
| E106 | H-1 | FS75 | F-3 | FS152 | H-2 | *Q318 | J-3 | | |
| E206 | A-1 | FS76 | E-3 | FS153 | E-1 | Q319 | G-4 | | |
| E301 | J-1 | FS77 | F-3 | FS154 | F-1 | *Q321 | G-3 | | |
| E311 | J-1 | FS78 | E-4 | FS155 | J-5 | Q322 | G-2 | | |
| | | FS79 | E-4 | FS156 | J-4 | *Q323 | E-3 | | |
| FS1 | A-1 | FS80 | F-4 | | | *Q324 | H-2 | | |
| FS2 | A-1 | FS81 | E-5 | IC1 | E-4 | *Q325 | H-3 | | |
| FS3 | A-1 | FS82 | E-5 | IC2 | E-2 | Q326 | H-2 | | |
| FS4 | A-2 | FS83 | F-1 | IC3 | D-5 | Q327 | H-3 | | |
| FS5 | A-2 | FS84 | F-1 | IC5 | B-5 | *Q328 | J-2 | | |
| FS6 | A-5 | FS85 | F-1 | IC6 | B-5 | Q329 | G-2 | | |
| FS7 | A-2 | FS86 | F-1 | IC7 | C-5 | *Q331 | F-5 | | |
| FS8 | A-2 | FS87 | F-1 | IC101 | J-2 | Q332 | G-5 | | |
| FS9 | A-2 | FS88 | F-2 | IC102 | J-2 | *Q333 | F-3 | | |
| FS10 | A-5 | FS89 | F-2 | IC103 | H-2 | *Q334 | H-4 | | |
| FS11 | A-5 | FS90 | F-2 | IC104 | G-2 | *Q335 | H-5 | | |
| FS12 | A-5 | FS91 | F-3 | IC105 | F-2 | Q336 | H-4 | | |
| FS13 | B-1 | FS92 | F-3 | IC201 | A-2 | Q337 | H-5 | | |
| FS14 | B-2 | FS93 | F-3 | IC202 | B-2 | Q339 | G-5 | | |
| FS15 | B-5 | FS94 | F-4 | IC203 | C-2 | | | | |
| FS16 | B-5 | FS95 | F-4 | IC204 | D-2 | RV106 | J-1 | | |
| FS17 | A-5 | FS96 | F-4 | IC205 | E-2 | RV107 | H-1 | | |
| FS18 | A-5 | FS97 | F-4 | IC301 | D-3 | RV108 | H-1 | | |
| FS19 | A-5 | FS98 | F-5 | IC302 | D-4 | RV109 | G-1 | | |
| FS20 | B-1 | FS99 | F-5 | IC303 | C-4 | RV110 | F-1 | | |
| FS21 | B-2 | FS100 | F-5 | IC304 | C-3 | RV111 | C-1 | | |
| FS22 | B-2 | FS101 | F-5 | IC305 | D-3 | RV112 | C-1 | | |
| FS23 | B-3 | FS102 | F-5 | IC306 | C-3 | RV206 | A-1 | | |
| FS24 | B-3 | FS103 | F-5 | IC307 | C-5 | RV207 | B-1 | | |
| FS25 | B-4 | FS104 | F-5 | IC308 | C-4 | RV208 | B-1 | | |
| FS26 | B-5 | FS105 | F-5 | IC309 | B-5 | RV209 | B-1 | | |
| FS27 | B-1 | FS106 | F-5 | IC310 | G-3 | RV210 | D-1 | | |
| FS28 | B-2 | FS107 | G-1 | IC311 | E-3 | RV211 | G-1 | | |
| FS29 | C-2 | FS108 | G-1 | IC312 | E-4 | RV212 | F-1 | | |
| FS30 | B-5 | FS109 | G-2 | IC313 | G-5 | RV301 | B-4 | | |
| FS31 | B-5 | FS110 | G-2 | IC314 | E-3 | RV302 | B-4 | | |
| FS32 | B-5 | FS111 | G-2 | IC315 | J-3 | | | | |
| FS33 | B-5 | FS112 | G-2 | IC316 | J-5 | RY301 | J-3 | | |
| FS34 | C-1 | FS113 | G-3 | | | RY311 | J-2 | | |
| FS35 | C-2 | FS114 | G-3 | LV101 | C-2 | | | | |
| FS36 | C-2 | FS115 | G-3 | LV201 | A-2 | S103 | J-1 | | |
| FS37 | C-5 | FS116 | G-4 | LV301 | J-4 | S203 | A-1 | | |
| FS38 | C-5 | FS117 | G-4 | LV311 | J-3 | | | | |
| FS39 | C-5 | FS118 | G-4 | LV321 | J-5 | *TH1 | G-2 | | |
| FS40 | C-1 | FS119 | G-5 | | | *TH2 | C-2 | | |
| FS41 | C-1 | FS120 | G-5 | PS1 | H-5 | | | | |
| FS42 | C-2 | FS121 | G-5 | PS2 | H-5 | TP106 | H-1 | | |
| FS43 | C-2 | FS122 | H-1 | | | TP206 | A-1 | | |

*: B SIDE

AR-14(2/4);CH-1 REC/BIAS DRIVE,CH-1 CANCEL CROSSTALK SIG.



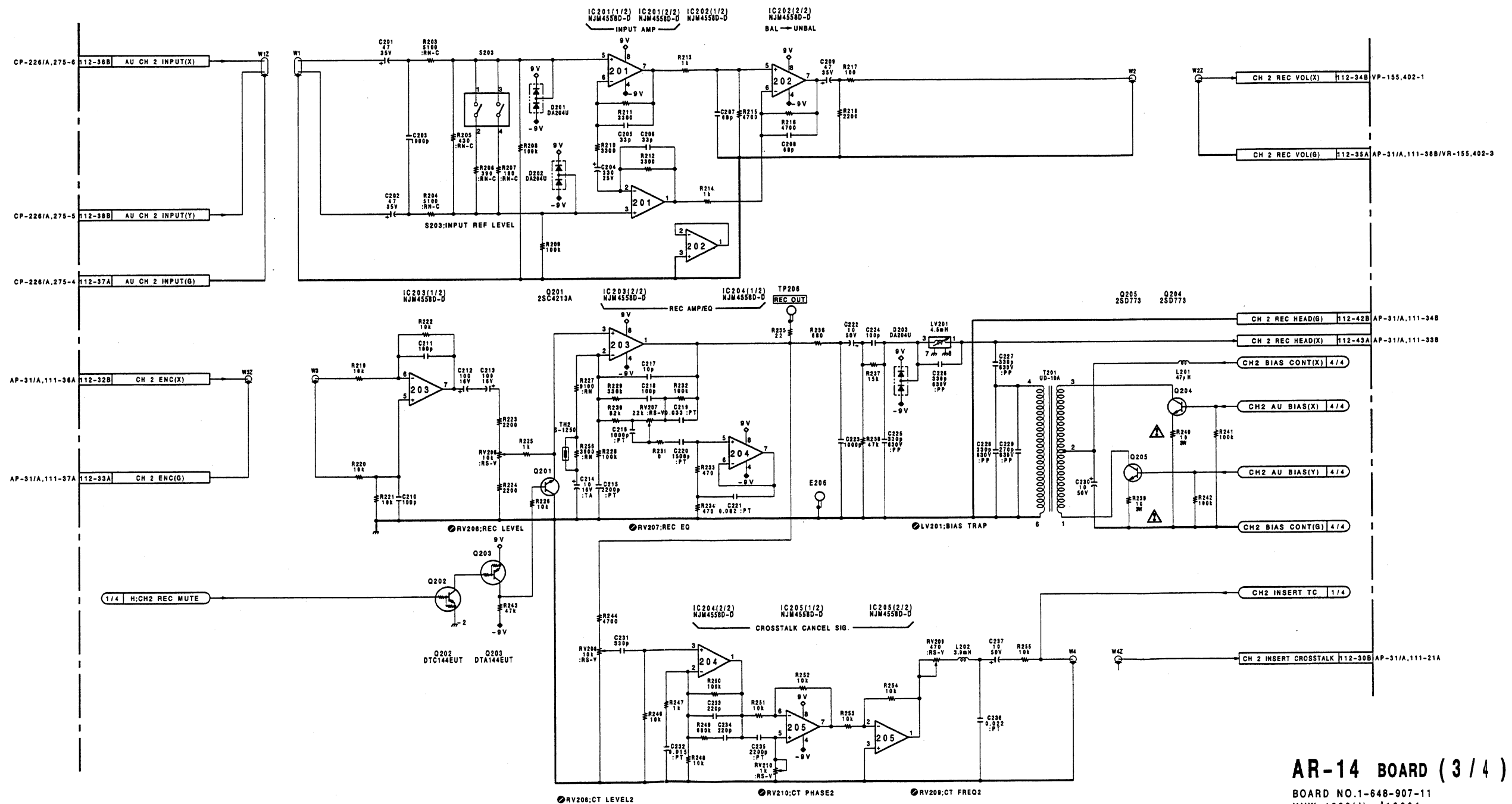


AR-14(1-648-907-11)

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| CN1 | J-5 | FS44 | C-3 | FS123 | H-1 | *Q1 | E-5 | TP301 | J-1 |
| CN112 | E-5 | FS45 | C-3 | FS124 | J-1 | *Q2 | E-5 | TP311 | J-1 |
| | | FS46 | C-3 | FS125 | H-2 | *Q3 | E-5 | TP321 | J-1 |
| *D1 | D-5 | FS47 | C-3 | FS126 | H-2 | *Q4 | E-5 | | |
| *D101 | J-2 | FS48 | C-3 | FS127 | H-2 | *Q5 | F-5 | X301 | D-3 |
| *D102 | J-1 | FS49 | C-4 | FS128 | H-4 | *Q101 | G-1 | | |
| *D103 | C-3 | FS50 | C-4 | FS129 | J-1 | *Q102 | E-4 | | |
| *D201 | A-2 | FS51 | C-5 | FS130 | J-1 | *Q103 | G-2 | | |
| *D202 | A-1 | FS52 | D-1 | FS131 | J-1 | Q104 | C-4 | | |
| *D203 | A-3 | FS54 | D-3 | FS132 | J-2 | Q105 | B-4 | | |
| *D301 | C-5 | FS55 | D-3 | FS133 | J-2 | *Q201 | C-1 | | |
| *D302 | D-4 | FS56 | D-3 | FS134 | J-2 | *Q202 | E-4 | | |
| *D303 | B-3 | FS57 | D-4 | FS135 | H-2 | *Q203 | C-1 | | |
| *D304 | B-5 | FS58 | D-4 | FS136 | J-2 | Q204 | A-4 | | |
| *D305 | B-3 | FS59 | D-4 | FS137 | J-2 | Q205 | A-4 | | |
| *D306 | A-5 | FS60 | D-5 | FS138 | J-3 | *Q301 | B-3 | | |
| *D311 | G-4 | FS61 | D-1 | FS139 | J-3 | Q302 | C-5 | | |
| *D312 | G-4 | FS62 | E-1 | FS140 | J-5 | *Q303 | B-3 | | |
| *D313 | J-3 | FS63 | D-3 | FS141 | J-5 | Q304 | A-5 | | |
| *D314 | F-3 | FS64 | E-3 | FS142 | J-1 | Q305 | C-5 | | |
| *D321 | G-3 | FS65 | E-3 | FS143 | J-1 | Q306 | A-5 | | |
| *D322 | G-3 | FS66 | D-4 | FS144 | J-1 | *Q311 | F-3 | | |
| *D323 | J-2 | FS68 | E-4 | FS145 | J-2 | Q312 | G-4 | | |
| *D324 | E-4 | FS69 | D-4 | FS146 | J-2 | *Q313 | F-2 | | |
| *D331 | G-5 | FS70 | D-4 | FS147 | J-2 | *Q314 | H-4 | | |
| *D332 | G-5 | FS72 | E-1 | FS148 | J-3 | *Q315 | H-4 | | |
| *D334 | E-4 | FS73 | E-2 | FS149 | J-3 | Q316 | H-3 | | |
| | | FS74 | E-3 | FS150 | J-4 | Q317 | H-4 | | |
| E106 | H-1 | FS75 | F-3 | FS152 | H-2 | *Q318 | J-3 | | |
| E206 | A-1 | FS76 | E-3 | FS153 | E-1 | Q319 | G-4 | | |
| E301 | J-1 | FS77 | F-3 | FS154 | F-1 | *Q321 | G-3 | | |
| E311 | J-1 | FS78 | E-4 | FS155 | J-5 | Q322 | G-2 | | |
| | | FS79 | E-4 | FS156 | J-4 | *Q323 | E-3 | | |
| FS1 | A-1 | FS80 | F-4 | | | *Q324 | H-2 | | |
| FS2 | A-1 | FS81 | E-5 | IC1 | E-4 | *Q325 | H-3 | | |
| FS3 | A-1 | FS82 | E-5 | IC2 | E-2 | Q326 | H-2 | | |
| FS4 | A-2 | FS83 | F-1 | IC3 | D-5 | Q327 | H-3 | | |
| FS5 | A-2 | FS84 | F-1 | IC5 | B-5 | *Q328 | J-2 | | |
| FS6 | A-5 | FS85 | F-1 | IC6 | B-5 | Q329 | G-2 | | |
| FS7 | A-2 | FS86 | F-1 | IC7 | C-5 | *Q331 | F-5 | | |
| FS8 | A-2 | FS87 | F-1 | IC101 | J-2 | Q332 | G-5 | | |
| FS9 | A-2 | FS88 | F-2 | IC102 | J-2 | *Q333 | F-3 | | |
| FS10 | A-5 | FS89 | F-2 | IC103 | H-2 | *Q334 | H-4 | | |
| FS11 | A-5 | FS90 | F-2 | IC104 | G-2 | *Q335 | H-5 | | |
| FS12 | A-5 | FS91 | F-3 | IC105 | F-2 | Q336 | H-4 | | |
| FS13 | B-1 | FS92 | F-3 | IC201 | A-2 | Q337 | H-5 | | |
| FS14 | B-2 | FS93 | F-3 | IC202 | B-2 | Q339 | G-5 | | |
| FS15 | B-5 | FS94 | F-4 | IC203 | C-2 | | | | |
| FS16 | B-5 | FS95 | F-4 | IC204 | D-2 | RV106 | J-1 | | |
| FS17 | A-5 | FS96 | F-4 | IC205 | E-2 | RV107 | H-1 | | |
| FS18 | A-5 | FS97 | F-4 | IC301 | D-3 | RV108 | H-1 | | |
| FS19 | A-5 | FS98 | F-5 | IC302 | D-4 | RV109 | G-1 | | |
| FS20 | B-1 | FS99 | F-5 | IC303 | C-4 | RV110 | F-1 | | |
| FS21 | B-2 | FS100 | F-5 | IC304 | C-3 | RV111 | C-1 | | |
| FS22 | B-2 | FS101 | F-5 | IC305 | D-3 | RV112 | C-1 | | |
| FS23 | B-3 | FS102 | F-5 | IC306 | C-3 | RV206 | A-1 | | |
| FS24 | B-3 | FS103 | F-5 | IC307 | C-5 | RV207 | B-1 | | |
| FS25 | B-4 | FS104 | F-5 | IC308 | C-4 | RV208 | B-1 | | |
| FS26 | B-5 | FS105 | F-5 | IC309 | B-5 | RV209 | B-1 | | |
| FS27 | B-1 | FS106 | F-5 | IC310 | G-3 | RV210 | D-1 | | |
| FS28 | B-2 | FS107 | G-1 | IC311 | E-3 | RV211 | G-1 | | |
| FS29 | C-2 | FS108 | G-1 | IC312 | E-4 | RV212 | F-1 | | |
| FS30 | B-5 | FS109 | G-2 | IC313 | G-5 | RV301 | B-4 | | |
| FS31 | B-5 | FS110 | G-2 | IC314 | E-3 | RV302 | B-4 | | |
| FS32 | B-5 | FS111 | G-2 | IC315 | J-3 | | | | |
| FS33 | B-5 | FS112 | G-2 | IC316 | J-5 | RY301 | J-3 | | |
| FS34 | C-1 | FS113 | G-3 | | | RY311 | J-2 | | |
| FS35 | C-2 | FS114 | G-3 | LV101 | C-2 | | | | |
| FS36 | C-2 | FS115 | G-3 | LV201 | A-2 | S103 | J-1 | | |
| FS37 | C-5 | FS116 | G-4 | LV301 | J-4 | S203 | A-1 | | |
| FS38 | C-5 | FS117 | G-4 | LV311 | J-3 | | | | |
| FS39 | C-5 | FS118 | G-4 | LV321 | J-5 | *TH1 | G-2 | | |
| FS40 | C-1 | FS119 | G-5 | | | *TH2 | C-2 | | |
| FS41 | C-1 | FS120 | G-5 | PS1 | H-5 | | | | |
| FS42 | C-2 | FS121 | G-5 | PS2 | H-5 | TP106 | H-1 | | |
| FS43 | C-2 | FS122 | H-1 | | | TP206 | A-1 | | |

*: B SIDE

AR-14(3/4);CH-2 REC/BIAS DRIVE,CH-2 CANCEL CROSSTALK SIG.



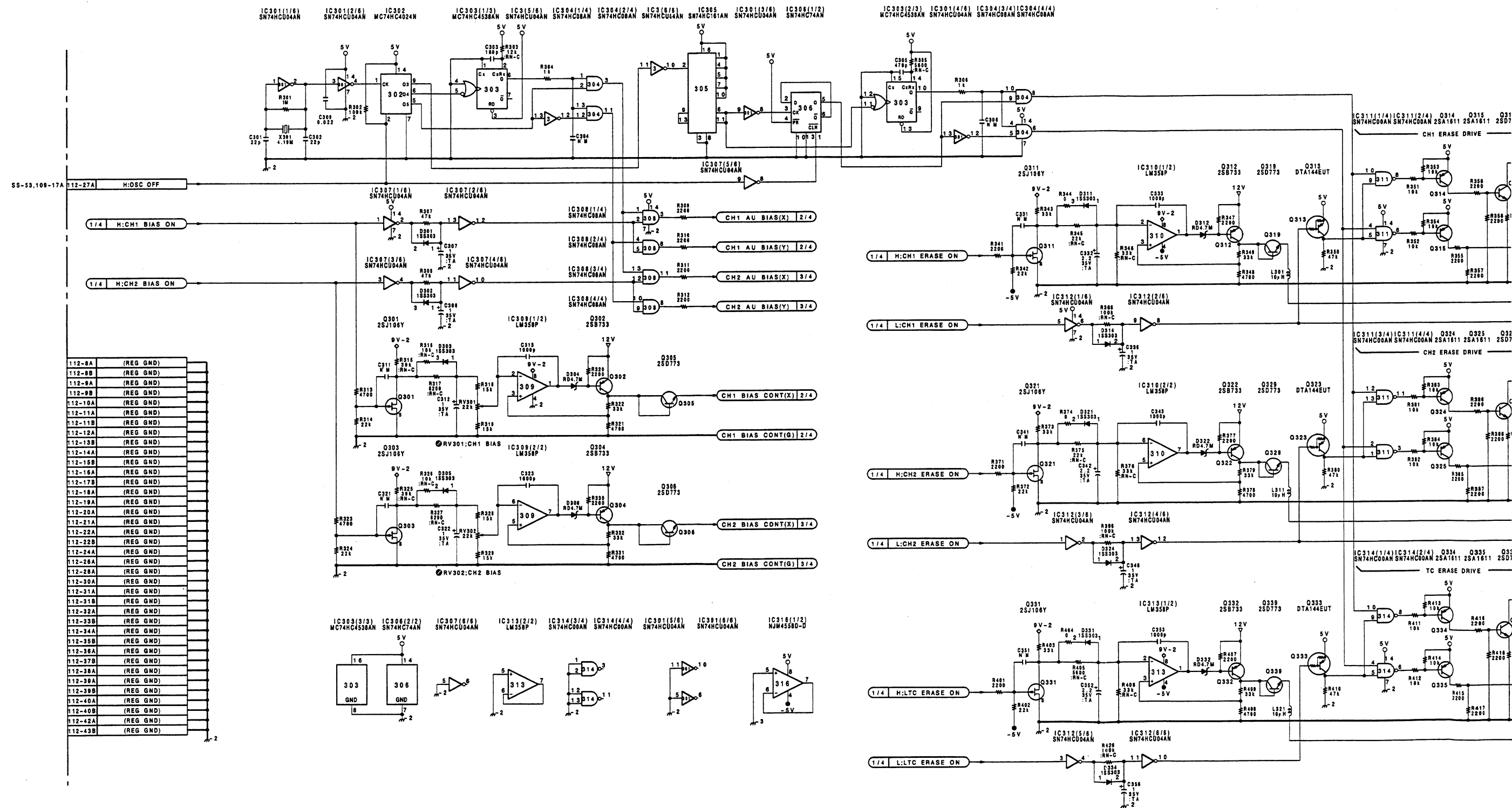


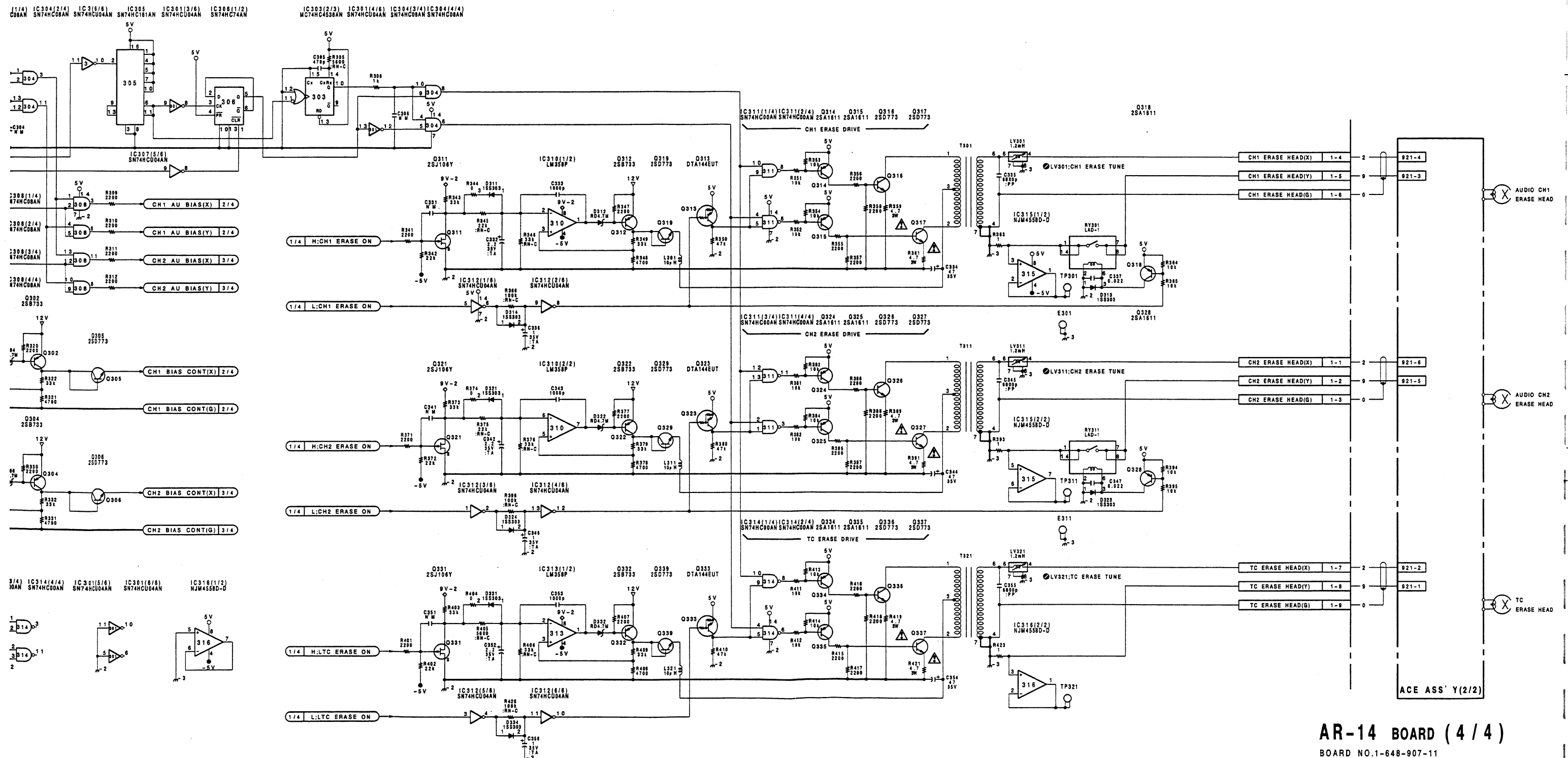
AR-14(1-648-907-11)

| | | | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| CN1 | J-5 | FS44 | C-3 | FS123 | H-1 | *Q1 | E-5 | TP301 | J-1 |
| CN112 | E-5 | FS45 | C-3 | FS124 | J-1 | *Q2 | E-5 | TP311 | J-1 |
| | | FS46 | C-3 | FS125 | H-2 | *Q3 | E-5 | TP321 | J-1 |
| *D1 | D-5 | FS47 | C-3 | FS126 | H-2 | *Q4 | E-5 | | |
| *D101 | J-2 | FS48 | C-3 | FS127 | H-2 | *Q5 | F-5 | X301 | D-3 |
| *D102 | J-1 | FS49 | C-4 | FS128 | H-4 | *Q101 | G-1 | | |
| *D103 | C-3 | FS50 | C-4 | FS129 | J-1 | *Q102 | E-4 | | |
| *D201 | A-2 | FS51 | C-5 | FS130 | J-1 | *Q103 | G-2 | | |
| *D202 | A-1 | FS52 | D-1 | FS131 | J-1 | Q104 | C-4 | | |
| *D203 | A-3 | FS54 | D-3 | FS132 | J-2 | Q105 | B-4 | | |
| *D301 | C-5 | FS55 | D-3 | FS133 | J-2 | *Q201 | C-1 | | |
| *D302 | D-4 | FS56 | D-3 | FS134 | J-2 | *Q202 | E-4 | | |
| *D303 | B-3 | FS57 | D-4 | FS135 | H-2 | *Q203 | C-1 | | |
| *D304 | B-5 | FS58 | D-4 | FS136 | J-2 | Q204 | A-4 | | |
| *D305 | B-3 | FS59 | D-4 | FS137 | J-2 | Q205 | A-4 | | |
| *D306 | A-5 | FS60 | D-5 | FS138 | J-3 | *Q301 | B-3 | | |
| *D311 | G-4 | FS61 | D-1 | FS139 | J-3 | Q302 | C-5 | | |
| *D312 | G-4 | FS62 | E-1 | FS140 | J-5 | *Q303 | B-3 | | |
| *D313 | J-3 | FS63 | D-3 | FS141 | J-5 | Q304 | A-5 | | |
| *D314 | F-3 | FS64 | E-3 | FS142 | J-1 | Q305 | C-5 | | |
| *D321 | G-3 | FS65 | E-3 | FS143 | J-1 | Q306 | A-5 | | |
| *D322 | G-3 | FS66 | D-4 | FS144 | J-1 | *Q311 | F-3 | | |
| *D323 | J-2 | FS68 | E-4 | FS145 | J-2 | Q312 | G-4 | | |
| *D324 | E-4 | FS69 | D-4 | FS146 | J-2 | *Q313 | F-2 | | |
| *D331 | G-5 | FS70 | D-4 | FS147 | J-2 | *Q314 | H-4 | | |
| *D332 | G-5 | FS72 | E-1 | FS148 | J-3 | *Q315 | H-4 | | |
| *D334 | E-4 | FS73 | E-2 | FS149 | J-3 | Q316 | H-3 | | |
| | | FS74 | E-3 | FS150 | J-4 | Q317 | H-4 | | |
| E106 | H-1 | FS75 | F-3 | FS152 | H-2 | *Q318 | J-3 | | |
| E206 | A-1 | FS76 | E-3 | FS153 | E-1 | Q319 | G-4 | | |
| E301 | J-1 | FS77 | F-3 | FS154 | F-1 | *Q321 | G-3 | | |
| E311 | J-1 | FS78 | E-4 | FS155 | J-5 | Q322 | G-2 | | |
| | | FS79 | E-4 | FS156 | J-4 | *Q323 | E-3 | | |
| | | FS80 | F-4 | | | *Q324 | H-2 | | |
| FS1 | A-1 | FS81 | E-5 | IC1 | E-4 | *Q325 | H-3 | | |
| FS2 | A-1 | FS82 | E-5 | IC2 | E-2 | Q326 | H-2 | | |
| FS3 | A-1 | FS83 | F-1 | IC3 | D-5 | Q327 | H-3 | | |
| FS4 | A-2 | FS84 | F-1 | IC5 | B-5 | *Q328 | J-2 | | |
| FS5 | A-2 | FS85 | F-1 | IC6 | B-5 | Q329 | G-2 | | |
| FS6 | A-5 | FS86 | F-1 | IC7 | C-5 | *Q331 | F-5 | | |
| FS7 | A-2 | FS87 | F-1 | IC101 | J-2 | Q332 | G-5 | | |
| FS8 | A-2 | FS88 | F-2 | IC102 | J-2 | *Q333 | F-3 | | |
| FS9 | A-2 | FS89 | F-2 | IC103 | H-2 | *Q334 | H-4 | | |
| FS10 | A-5 | FS90 | F-2 | IC104 | G-2 | *Q335 | H-5 | | |
| FS11 | A-5 | FS91 | F-3 | IC105 | F-2 | Q336 | H-4 | | |
| FS12 | A-5 | FS92 | F-3 | IC201 | A-2 | Q337 | H-5 | | |
| FS13 | B-1 | FS93 | F-3 | IC202 | B-2 | Q339 | G-5 | | |
| FS14 | B-2 | FS94 | F-4 | IC203 | C-2 | | | | |
| FS15 | B-5 | FS95 | F-4 | IC204 | D-2 | RV106 | J-1 | | |
| FS16 | B-5 | FS96 | F-4 | IC205 | E-2 | RV107 | H-1 | | |
| FS17 | A-5 | FS97 | F-4 | IC301 | D-3 | RV108 | H-1 | | |
| FS18 | A-5 | FS98 | F-5 | IC302 | D-4 | RV109 | G-1 | | |
| FS19 | A-5 | FS99 | F-5 | IC303 | C-4 | RV110 | F-1 | | |
| FS20 | B-1 | FS100 | F-5 | IC304 | C-3 | RV111 | C-1 | | |
| FS21 | B-2 | FS101 | F-5 | IC305 | D-3 | RV112 | C-1 | | |
| FS22 | B-2 | FS102 | F-5 | IC306 | C-3 | RV206 | A-1 | | |
| FS23 | B-3 | FS103 | F-5 | IC307 | C-5 | RV207 | B-1 | | |
| FS24 | B-3 | FS104 | F-5 | IC308 | C-4 | RV208 | B-1 | | |
| FS25 | B-4 | FS105 | F-5 | IC309 | B-5 | RV209 | B-1 | | |
| FS26 | B-5 | FS106 | F-5 | IC310 | G-3 | RV210 | D-1 | | |
| FS27 | B-1 | FS107 | G-1 | IC311 | E-3 | RV211 | G-1 | | |
| FS28 | B-2 | FS108 | G-1 | IC312 | E-4 | RV212 | F-1 | | |
| FS29 | C-2 | FS109 | G-2 | IC313 | G-5 | RV301 | B-4 | | |
| FS30 | B-5 | FS110 | G-2 | IC314 | E-3 | RV302 | B-4 | | |
| FS31 | B-5 | FS111 | G-2 | IC315 | J-3 | | | | |
| FS32 | B-5 | FS112 | G-2 | IC316 | J-5 | RY301 | J-3 | | |
| FS33 | B-5 | FS113 | G-3 | | | RY311 | J-2 | | |
| FS34 | C-1 | FS114 | G-3 | LV101 | C-2 | | | | |
| FS35 | C-2 | FS115 | G-3 | LV201 | A-2 | S103 | J-1 | | |
| FS36 | C-2 | FS116 | G-4 | LV301 | J-4 | S203 | A-1 | | |
| FS37 | C-5 | FS117 | G-4 | LV311 | J-3 | | | | |
| FS38 | C-5 | FS118 | G-4 | LV321 | J-5 | *TH1 | G-2 | | |
| FS39 | C-5 | FS119 | G-5 | | | *TH2 | C-2 | | |
| FS40 | C-1 | FS120 | G-5 | PS1 | H-5 | | | | |
| FS41 | C-1 | FS121 | G-5 | PS2 | H-5 | TP106 | H-1 | | |
| FS42 | C-2 | FS122 | H-1 | | | TP206 | A-1 | | |
| FS43 | C-2 | | | | | | | | |

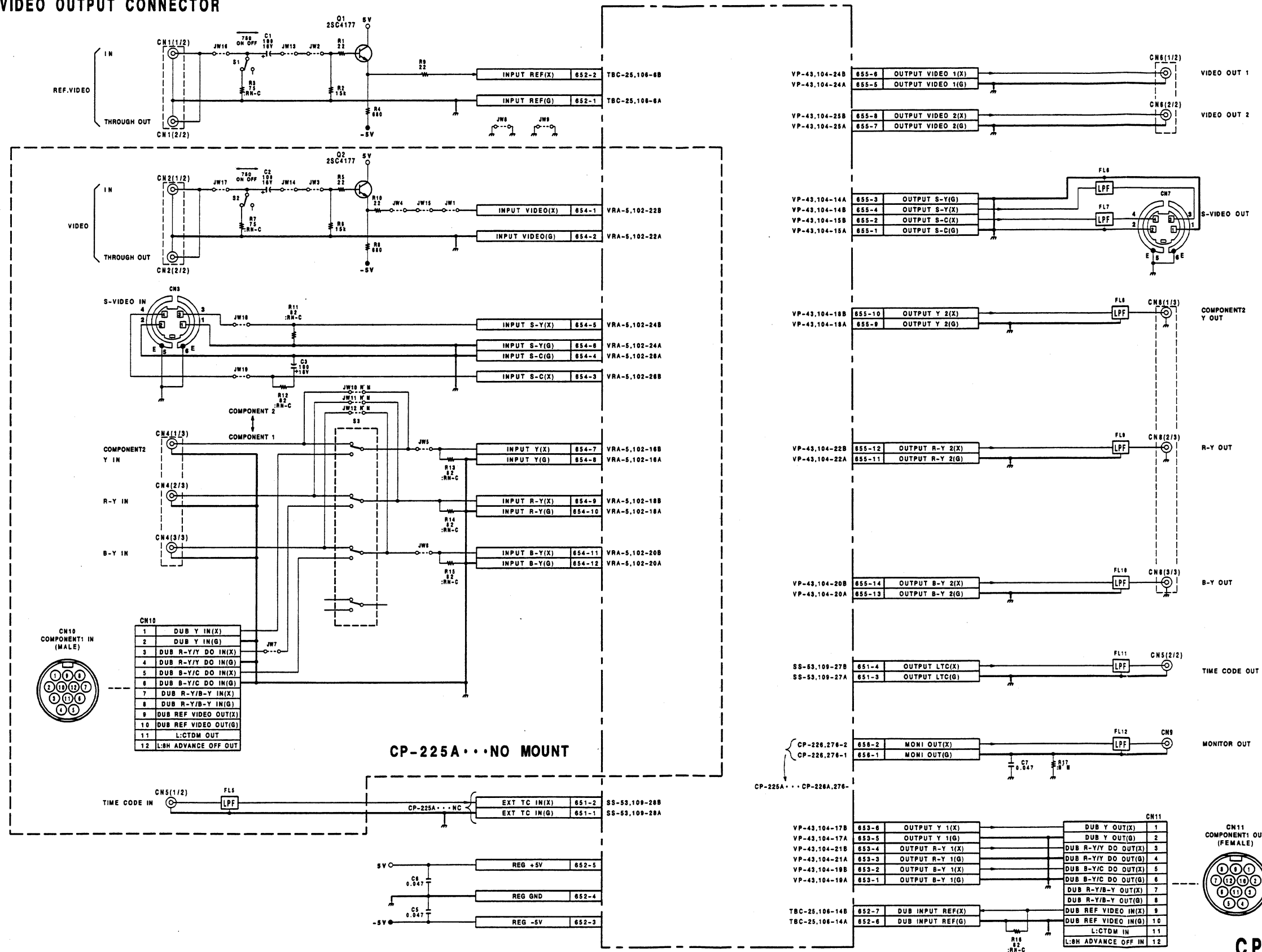
*: B SIDE

AR-14(4/4);BIAS/ERASE OSC,AU/TC ERASE DRIVE



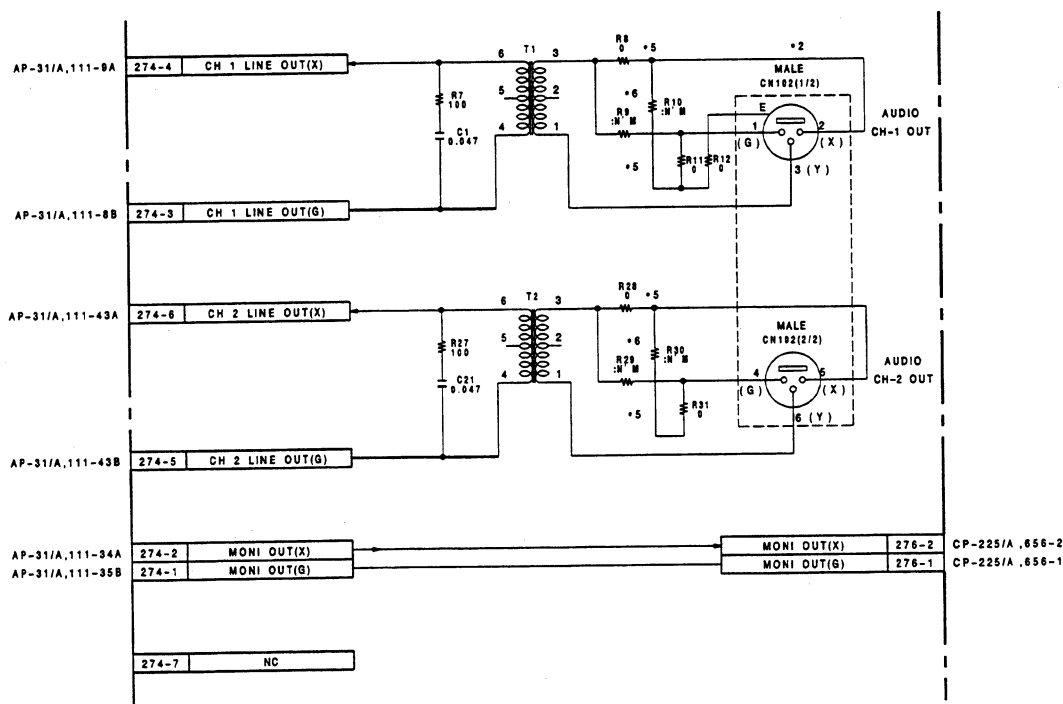
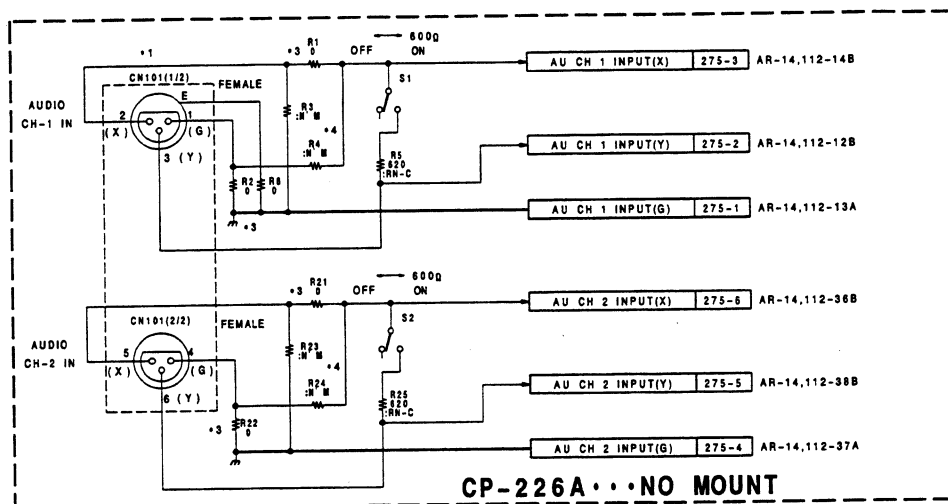


CP-225 ;VIDEO INPUT/OUTPUT CONNECTOR
CP-225A;VIDEO OUTPUT CONNECTOR





CP-226 ;AUDIO INPUT/OUTPUT CONNECTOR,OUTPUT TRANSFORMER
CP-226A;AUDIO OUTPUT CONNECTOR,OUTPUT TRANSFORMER



CP-226

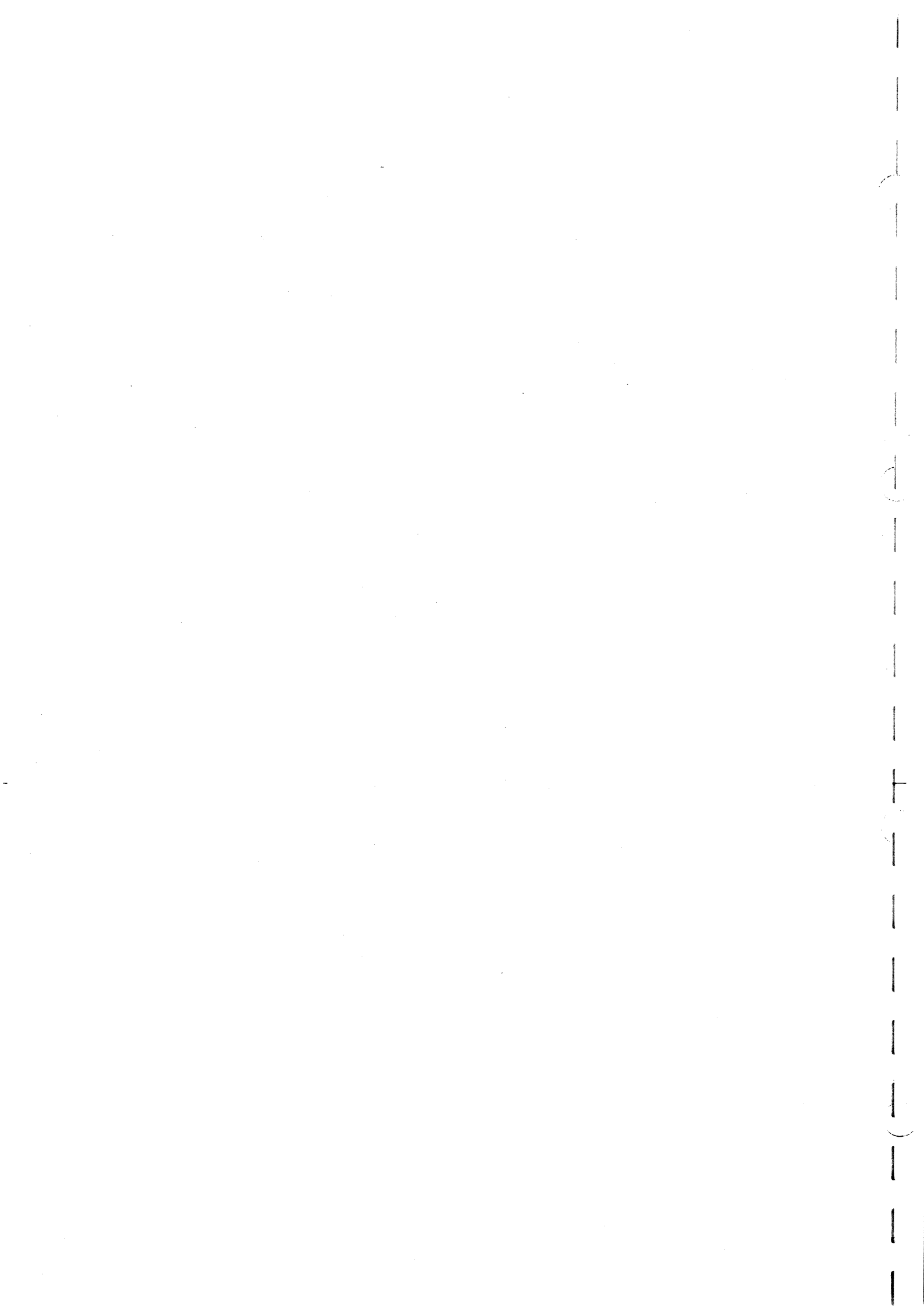
| REF.No | UC | J |
|----------------|--------|--------|
| *1 CN101 | FEMALE | MALE |
| *2 CN102 | MALE | FEMALE |
| *3 R1,2,21,22 | 0 | :N' M |
| *4 R3,4,23,24 | :N' M | 0 |
| *5 R8,11,28,31 | 0 | :N' M |
| *6 R9,10,29,30 | :N' M | 0 |

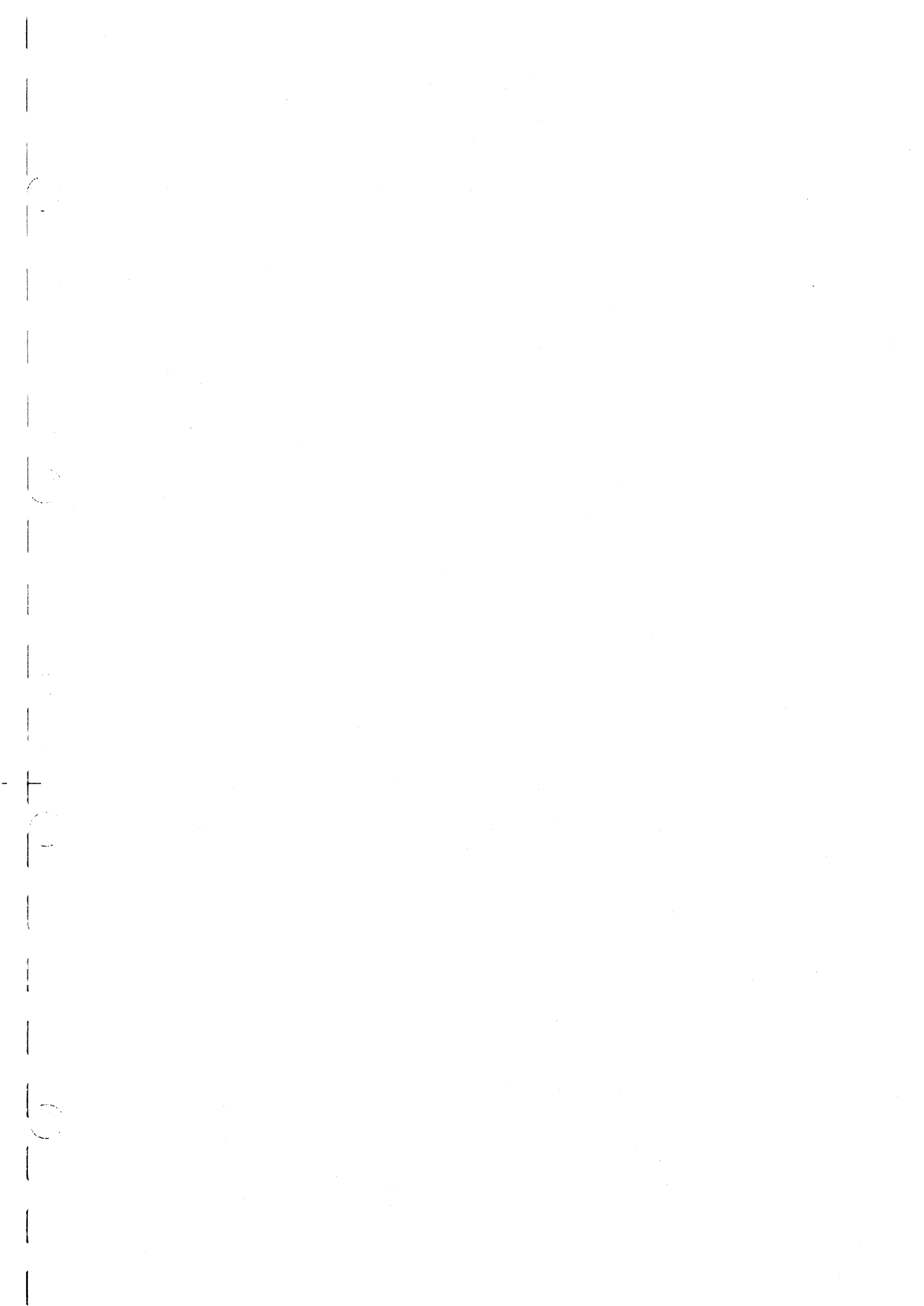
CP-226A

| REF.No | UC | J |
|----------------|-------|--------|
| *2 CN102 | MALE | FEMALE |
| *5 R8,11,28,31 | 0 | :N' M |
| *6 R9,10,29,30 | :N' M | 0 |

CP-226/226A BOARD

BOARD NO.1-648-911-11,21
 UVW-1800/1600(J) ;#10001-
 UVW-1800/1600(UC);#10001-





DR-214(1-648-908-11)

CN300 H-1
CN301 C-5
CN302 H-5
CN303 L-5

D1 G-2
D151 L-3
D152 K-3
D153 L-2
D154 M-3
D155 K-3
D156 L-2
D301 G-2
D302 J-4
D303 H-4
D304 H-2
D306 H-3

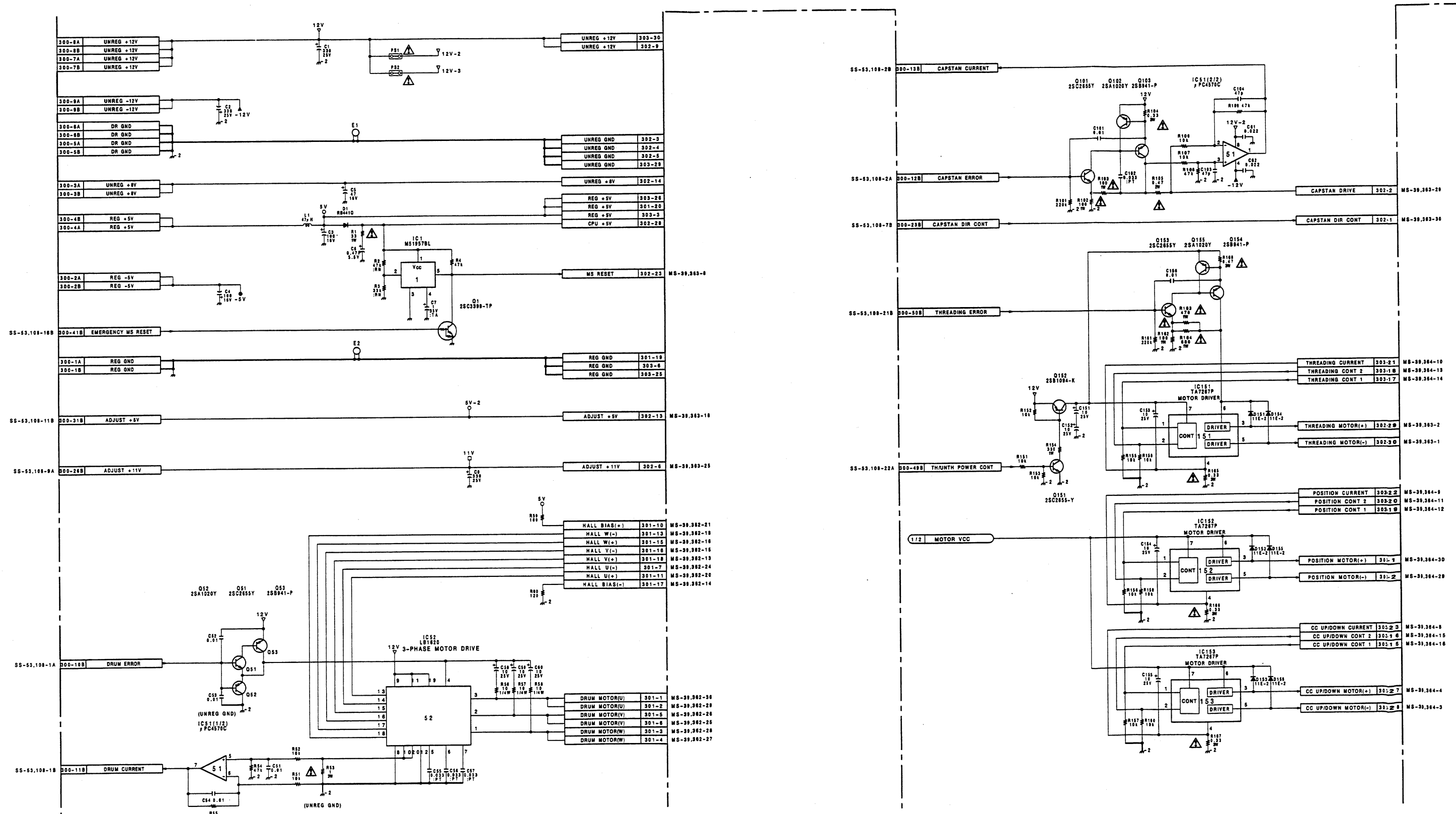
E1 K-1
E2 K-5

IC1 G-2
IC51 C-2
IC52 D-3
IC151 L-4
IC152 L-4
IC153 L-2
IC201 C-1
IC251 L-1
IC301 F-3
IC302 F-4
IC303 F-2
IC304 G-4
IC305 J-5
IC306 H-4
IC307 J-2
IC308 E-5
IC310 J-3
IC311 J-1
IC313 H-2

Q1 G-3
Q51 B-5
Q52 B-5
Q53 B-5
Q101 B-4
Q102 B-4
Q103 B-4
Q151 M-2
Q152 N-4
Q153 M-3
Q154 N-5
Q155 M-3
Q201 B-1
Q202 B-1
Q203 B-2
Q204 B-2
Q205 B-3
Q206 B-3
Q207 B-3
Q208 B-4
Q251 N-1
Q252 N-1
Q253 N-2
Q254 M-2
Q255 N-3
Q256 N-3
Q257 N-3
Q258 N-4
Q301 H-2
Q302 K-1
Q303 K-2

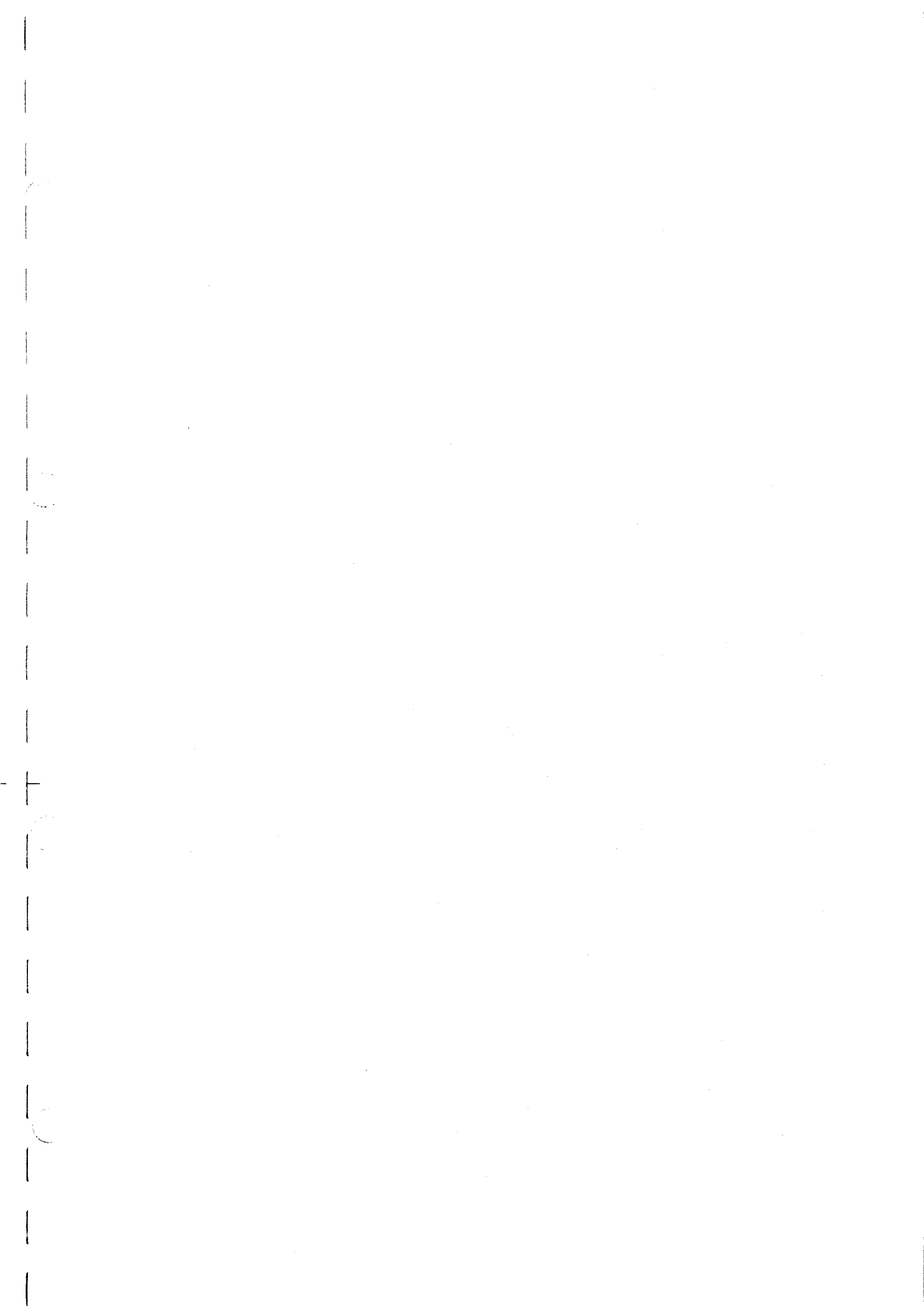
*: B SIDE

DR-214(1/2);DRUM/CAP/THREAD/REEL POS./CC/REEL MOTOR DRIVE





BOARD NO.1-648-908-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-



DR-214(1-648-908-11)

CN300 H-1
CN301 C-5
CN302 H-5
CN303 L-5

D1 G-2
D151 L-3
D152 K-3
D153 L-2
D154 M-3
D155 K-3
D156 L-2
D301 G-2
D302 J-4
D303 H-4
D304 H-2
D306 H-3

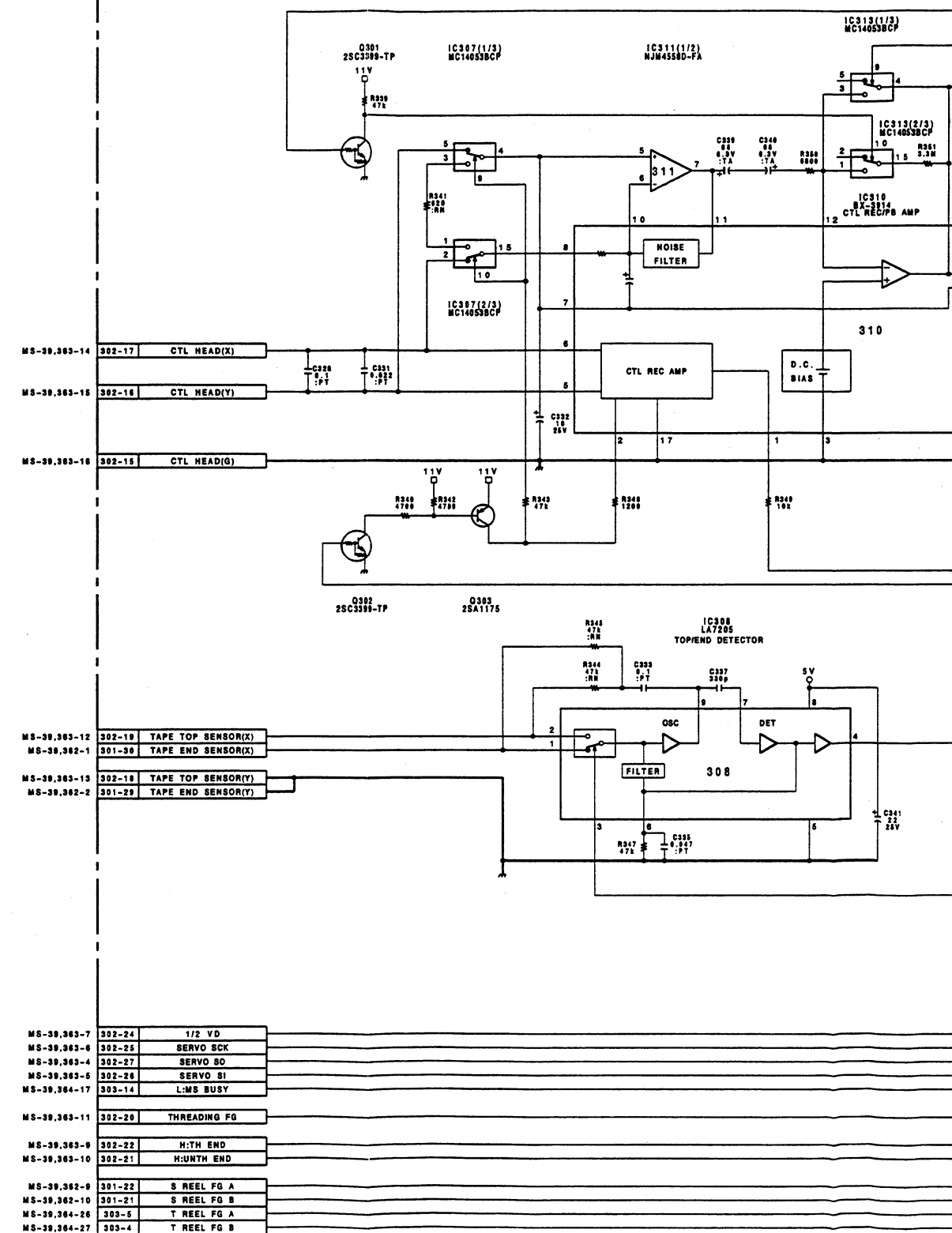
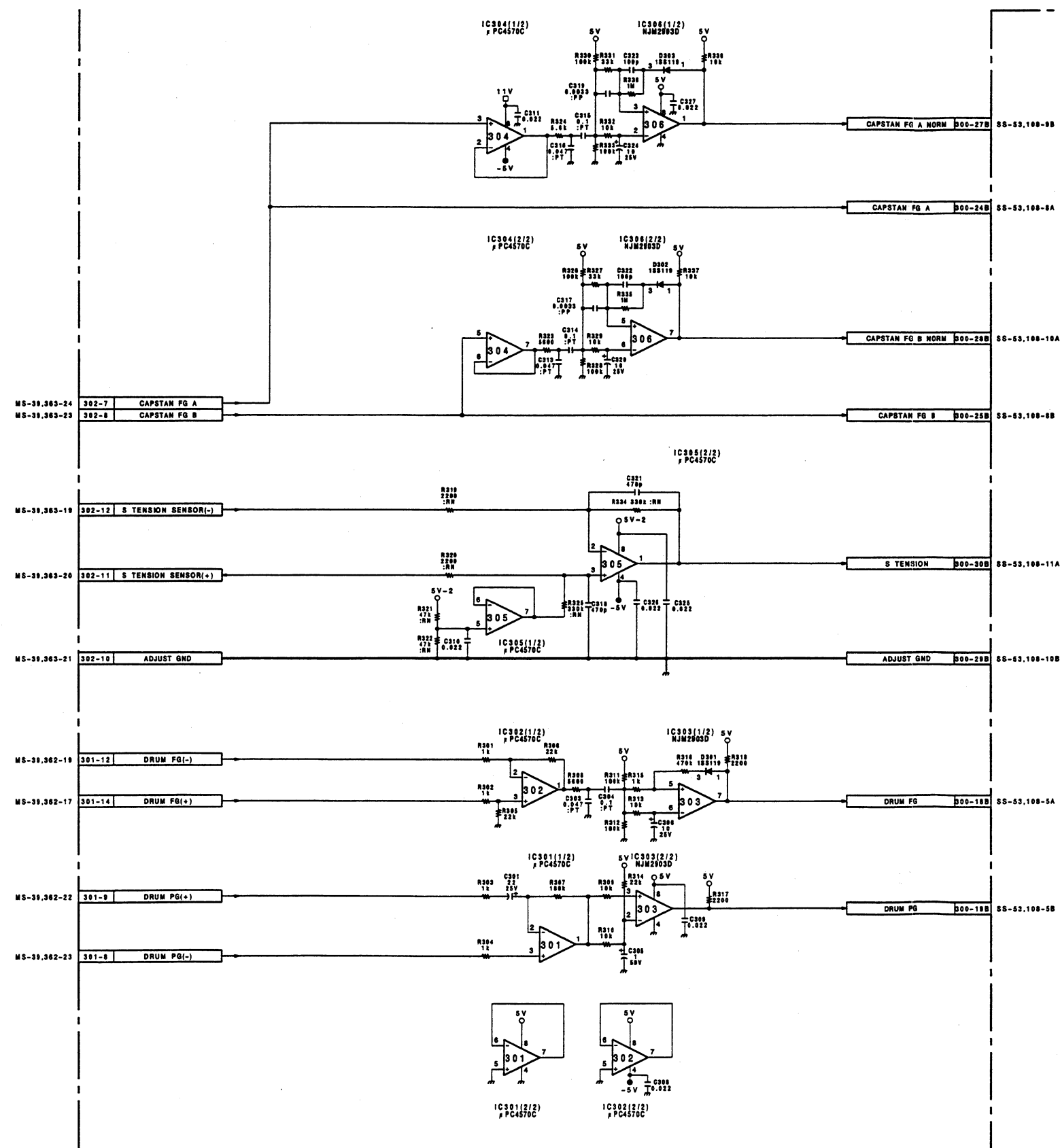
E1 K-1
E2 K-5

IC1 G-2
IC51 C-2
IC52 D-3
IC151 L-4
IC152 L-4
IC153 L-2
IC201 C-1
IC251 L-1
IC301 F-3
IC302 F-4
IC303 F-2
IC304 G-4
IC305 J-5
IC306 H-4
IC307 J-2
IC308 E-5
IC310 J-3
IC311 J-1
IC313 H-2

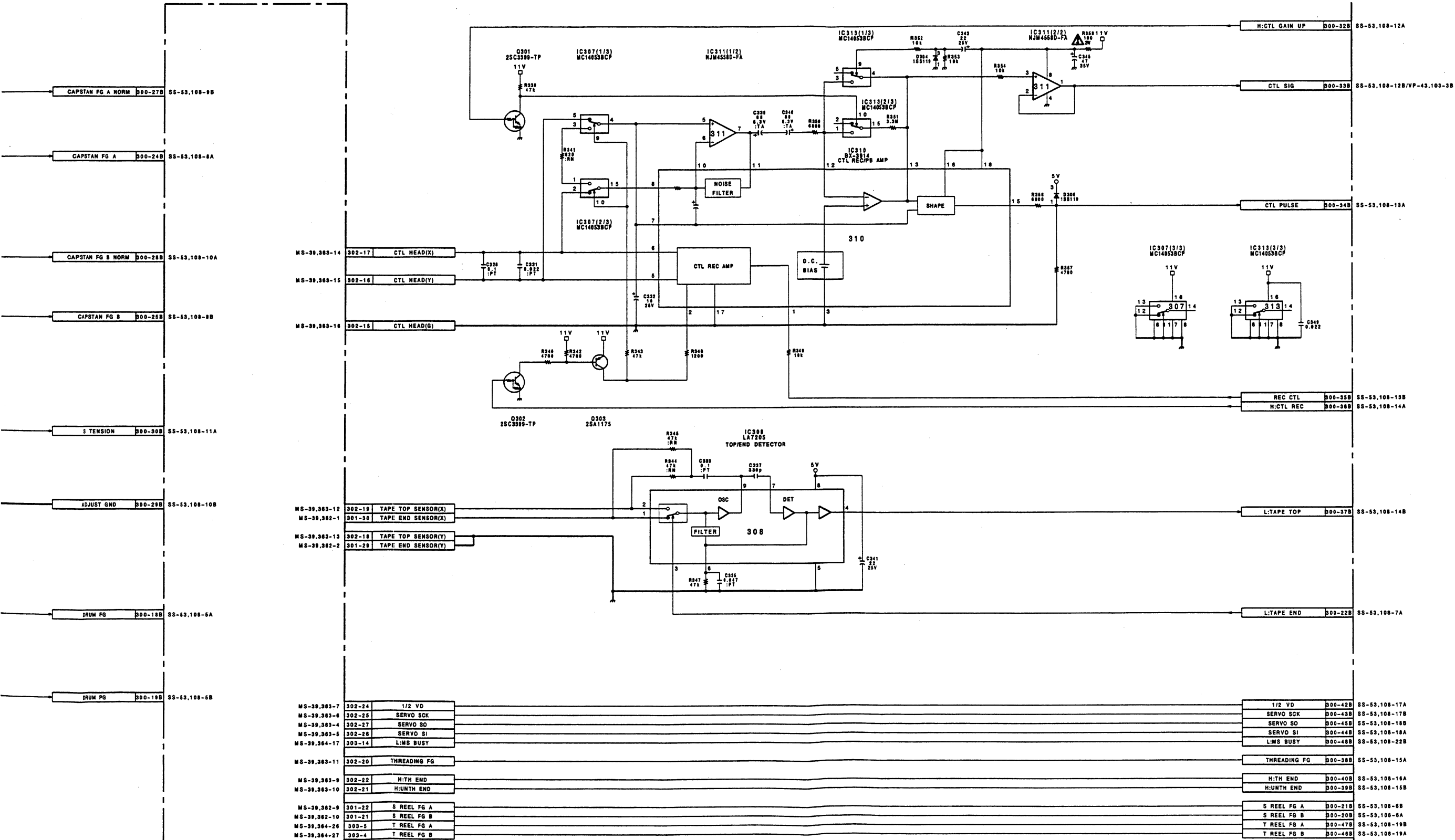
Q1 G-3
Q51 B-5
Q52 B-5
Q53 B-5
Q101 B-4
Q102 B-4
Q103 B-4
Q151 M-2
Q152 N-4
Q153 M-3
Q154 N-5
Q155 M-3
Q201 B-1
Q202 B-1
Q203 B-2
Q204 B-2
Q205 B-3
Q206 B-3
Q207 B-3
Q208 B-4
Q251 N-1
Q252 N-1
Q253 N-2
Q254 M-2
Q255 N-3
Q256 N-3
Q257 N-3
Q258 N-4
Q301 H-2
Q302 K-1
Q303 K-2

*: B SIDE

DR-214(2/2);CTL REC/PB,DRUM PG/FG AMP.,CAPSTAN FG AMP.,TENSION AMP.,TAPE TOP/END DETECT



TAPE TOP/END DETECT



DR-214 BOARD (2/2)

BOARD NO.1-648-908-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

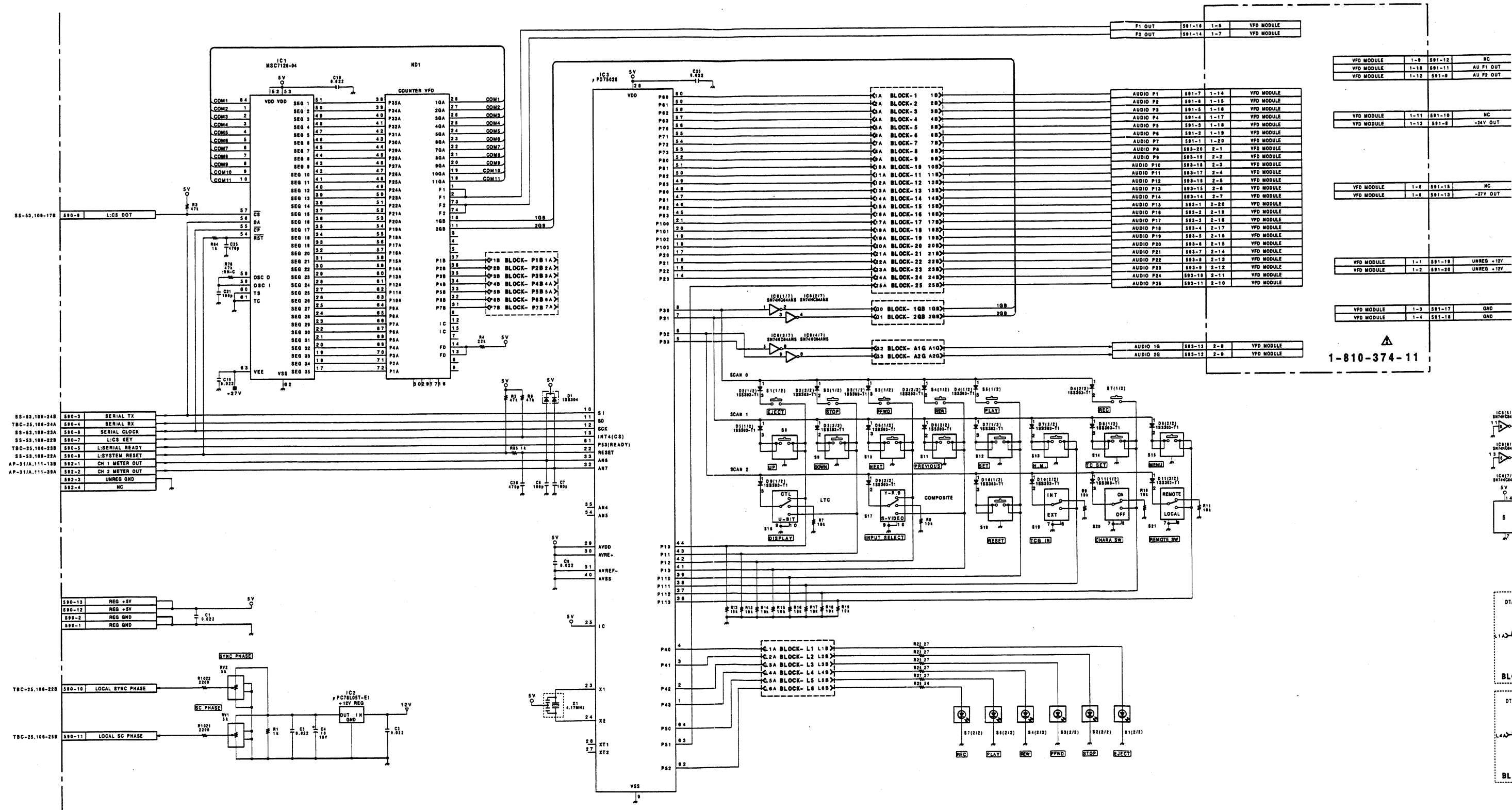


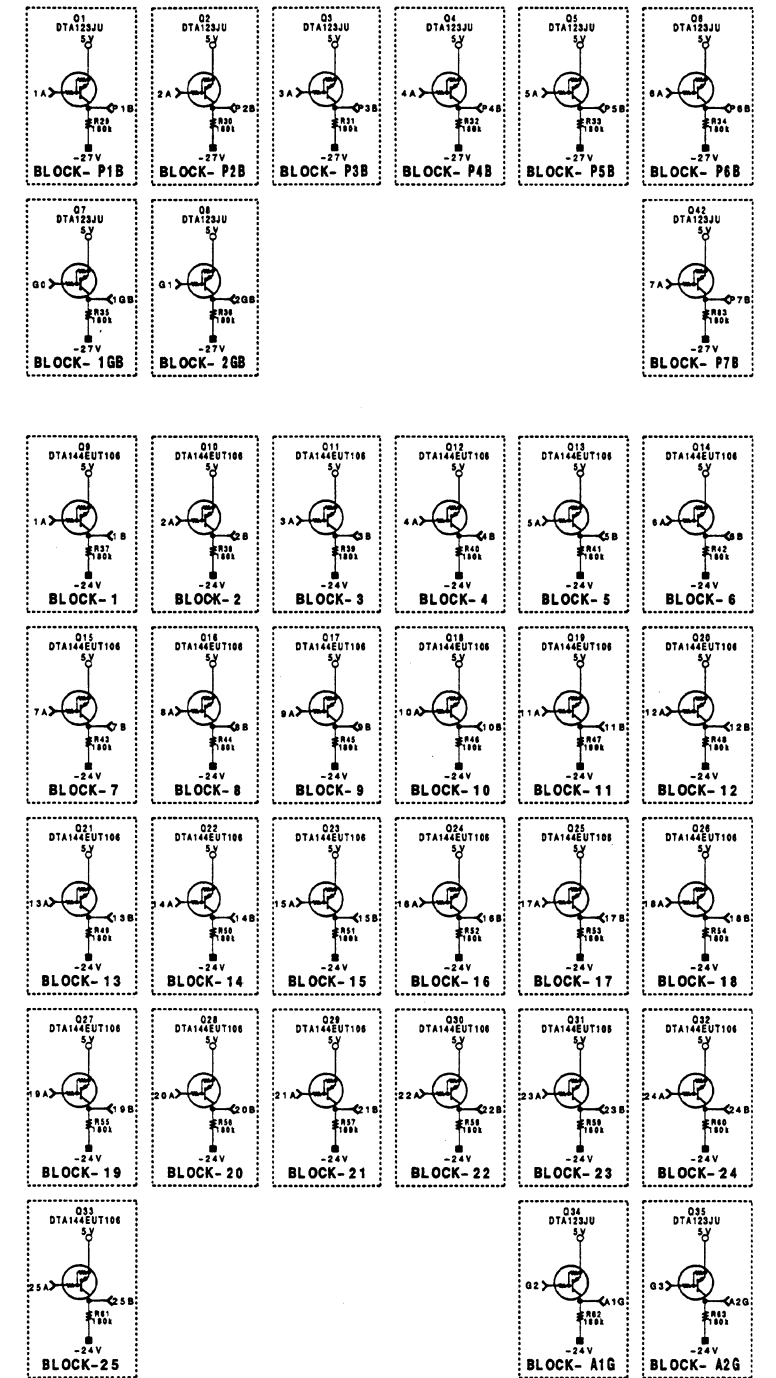
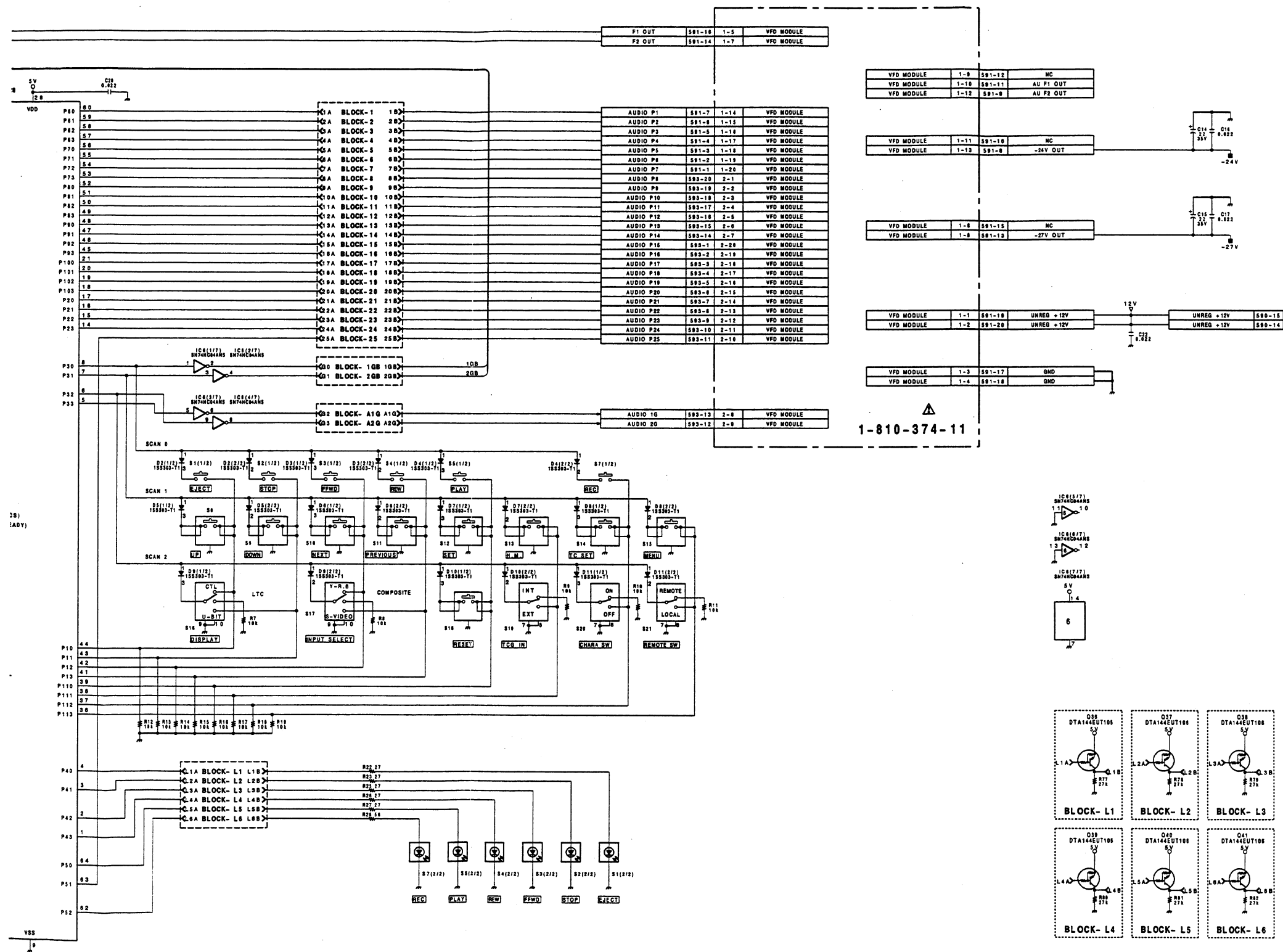
KY-249(1-648-914-11)

| | | | |
|-------|-----|-----|-----|
| CN590 | M-3 | S8 | H-2 |
| CN591 | D-1 | S9 | H-3 |
| CN592 | N-3 | S10 | H-3 |
| CN593 | B-1 | S11 | G-3 |
| | | S12 | J-3 |
| *D1 | N-2 | S13 | G-3 |
| *D2 | K-1 | S14 | G-3 |
| *D3 | K-1 | S15 | G-2 |
| *D4 | K-1 | S16 | E-2 |
| *D5 | J-2 | S17 | F-2 |
| *D6 | J-2 | S18 | J-3 |
| *D7 | H-2 | S19 | E-3 |
| *D8 | H-2 | S20 | F-3 |
| *D9 | H-3 | S21 | E-2 |
| *D10 | J-3 | | |
| *D11 | J-3 | X1 | N-2 |
| IC1 | L-3 | | |
| IC2 | E-2 | | |
| IC3 | M-2 | | |
| IC6 | M-3 | | |
| ND1 | E-2 | | |
| *Q1 | D-3 | | |
| *Q2 | D-3 | | |
| *Q3 | D-2 | | |
| *Q4 | D-2 | | |
| *Q5 | D-2 | | |
| *Q6 | D-2 | | |
| *Q7 | B-2 | | |
| *Q8 | C-2 | | |
| *Q9 | D-1 | | |
| *Q10 | D-1 | | |
| *Q11 | D-1 | | |
| *Q12 | D-1 | | |
| *Q13 | D-1 | | |
| *Q14 | D-1 | | |
| *Q15 | E-1 | | |
| *Q16 | A-1 | | |
| *Q17 | B-1 | | |
| *Q18 | B-1 | | |
| *Q19 | B-1 | | |
| *Q20 | B-1 | | |
| *Q21 | B-1 | | |
| *Q22 | B-1 | | |
| *Q23 | D-1 | | |
| *Q24 | D-1 | | |
| *Q25 | C-1 | | |
| *Q26 | C-1 | | |
| *Q27 | C-1 | | |
| *Q28 | C-1 | | |
| *Q29 | C-1 | | |
| *Q30 | C-1 | | |
| *Q31 | C-1 | | |
| *Q32 | C-1 | | |
| *Q33 | B-1 | | |
| *Q34 | B-1 | | |
| *Q35 | B-1 | | |
| *Q36 | N-1 | | |
| *Q37 | M-1 | | |
| *Q38 | M-1 | | |
| *Q39 | N-1 | | |
| *Q40 | M-1 | | |
| *Q41 | M-1 | | |
| *Q42 | D-2 | | |
| RV1 | E-3 | | |
| RV2 | D-3 | | |
| S1 | K-1 | | |
| S2 | P-1 | | |
| S3 | N-1 | | |
| S4 | L-1 | | |
| S5 | M-1 | | |
| S7 | P-1 | | |

*: B SIDE

KY-249;FUNCTION KEY





KY-249 BOARD

BOARD NO.1-648-914-11
UVW-1800(J) ;#10001-
UVW-1800(UC);#10001-

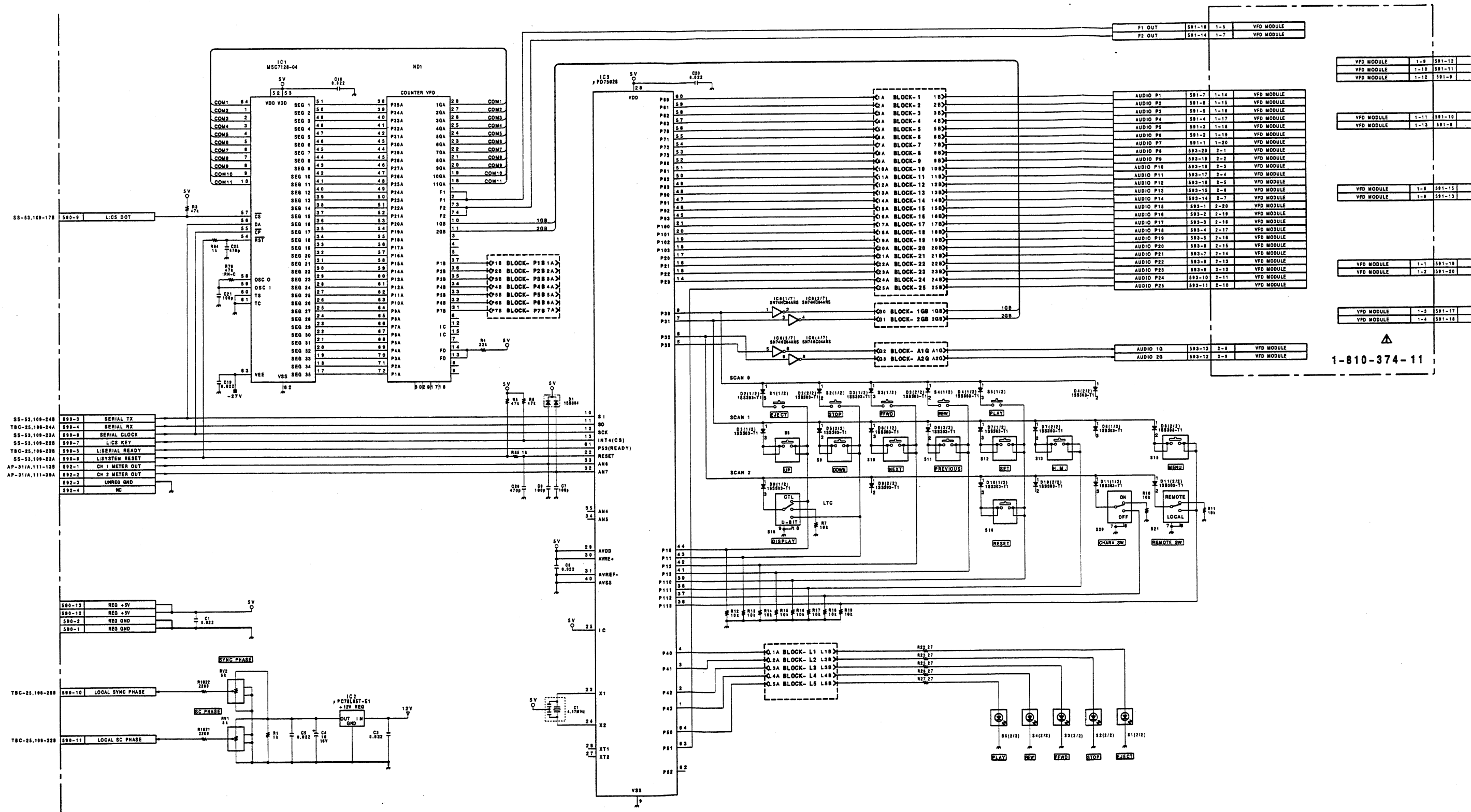


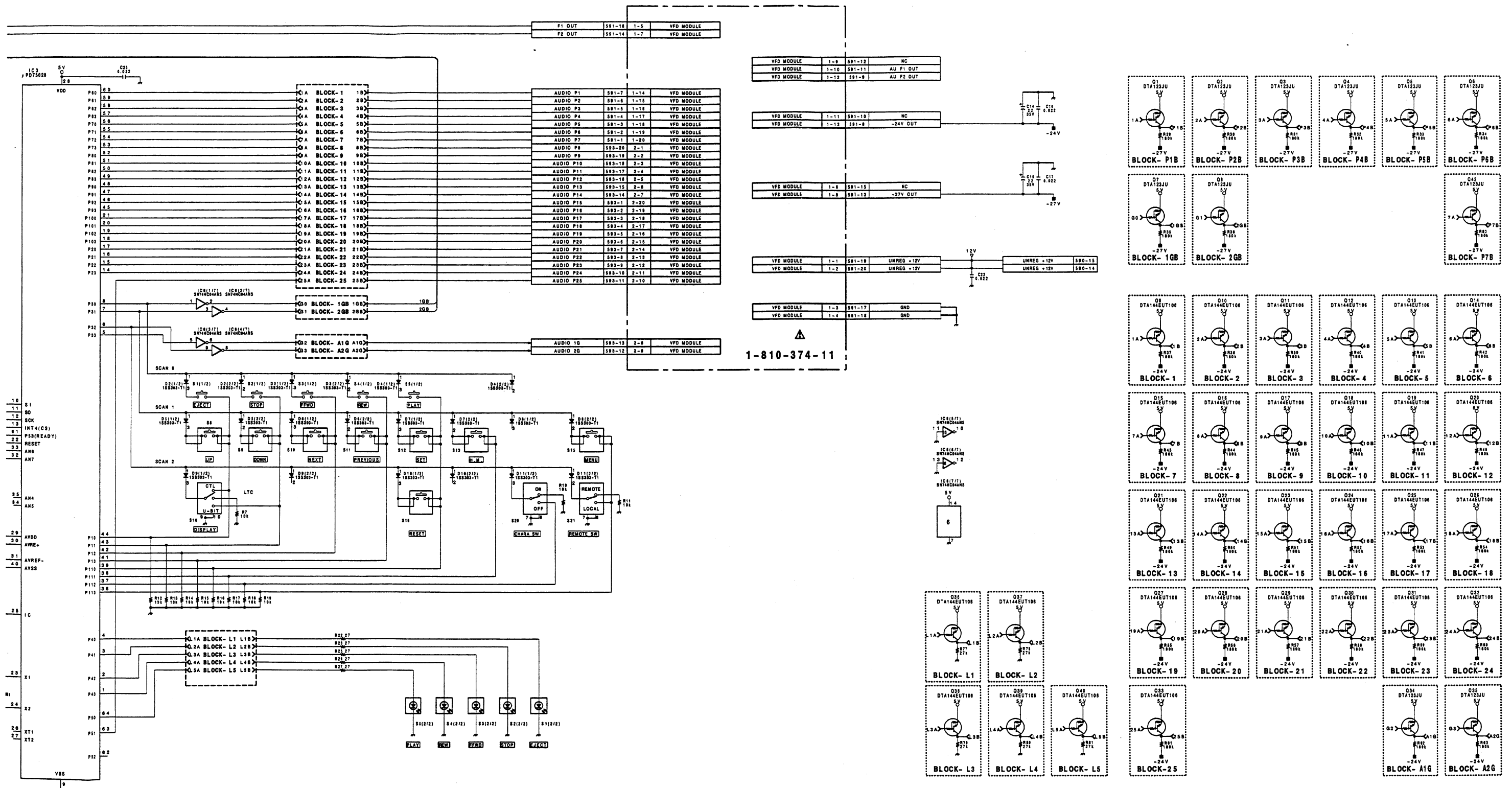
KY-249A(1-648-914-21)

| | | | |
|-------|-----|-----|-----|
| CN590 | M-3 | S10 | H-3 |
| CN591 | D-1 | S11 | G-3 |
| CN592 | N-3 | S12 | J-3 |
| CN593 | B-1 | S13 | G-3 |
| | | S15 | G-2 |
| *D1 | N-2 | S16 | E-2 |
| *D2 | K-1 | S18 | J-3 |
| *D3 | K-1 | S20 | F-3 |
| *D4 | K-1 | S21 | E-2 |
| *D5 | J-2 | | |
| *D6 | J-2 | X1 | N-2 |
| *D7 | H-2 | | |
| *D8 | H-2 | | |
| *D9 | H-3 | | |
| *D10 | J-3 | | |
| *D11 | J-3 | | |
| IC1 | L-3 | | |
| IC2 | E-2 | | |
| IC3 | M-2 | | |
| IC6 | M-3 | | |
| ND1 | E-2 | | |
| *Q1 | D-3 | | |
| *Q2 | D-3 | | |
| *Q3 | D-2 | | |
| *Q4 | D-2 | | |
| *Q5 | D-2 | | |
| *Q6 | D-2 | | |
| *Q7 | B-2 | | |
| *Q8 | C-2 | | |
| *Q9 | D-1 | | |
| *Q10 | D-1 | | |
| *Q11 | D-1 | | |
| *Q12 | D-1 | | |
| *Q13 | D-1 | | |
| *Q14 | D-1 | | |
| *Q15 | E-1 | | |
| *Q16 | A-1 | | |
| *Q17 | B-1 | | |
| *Q18 | B-1 | | |
| *Q19 | B-1 | | |
| *Q20 | B-1 | | |
| *Q21 | B-1 | | |
| *Q22 | B-1 | | |
| *Q23 | D-1 | | |
| *Q24 | D-1 | | |
| *Q25 | C-1 | | |
| *Q26 | C-1 | | |
| *Q27 | C-1 | | |
| *Q28 | C-1 | | |
| *Q29 | C-1 | | |
| *Q30 | C-1 | | |
| *Q31 | C-1 | | |
| *Q32 | C-1 | | |
| *Q33 | B-1 | | |
| *Q34 | B-1 | | |
| *Q35 | B-1 | | |
| *Q36 | N-1 | | |
| *Q37 | M-1 | | |
| *Q38 | M-1 | | |
| *Q39 | N-1 | | |
| *Q40 | M-1 | | |
| *Q42 | D-2 | | |
| RV1 | E-3 | | |
| RV2 | D-3 | | |
| S1 | K-1 | | |
| S2 | P-1 | | |
| S3 | N-1 | | |
| S4 | L-1 | | |
| S5 | M-1 | | |
| S8 | H-2 | | |
| S9 | H-3 | | |

*: B SIDE

KY-249A;FUNCTION KEY







MS-39/39A(1-648-909-11)

| | |
|-------|-----|
| CN350 | L-5 |
| CN351 | F-1 |
| CN352 | F-1 |
| CN353 | J-5 |
| CN354 | B-3 |
| CN355 | D-3 |
| CN356 | B-1 |
| CN357 | J-1 |
| CN358 | C-3 |
| CN359 | K-5 |
| CN360 | F-5 |
| CN361 | G-5 |
| CN362 | B-2 |
| CN363 | G-4 |
| CN364 | K-2 |

| | |
|-----|-----|
| D1 | F-2 |
| D2 | F-2 |
| D3 | B-2 |
| D4 | M-2 |
| D7 | K-1 |
| D8 | K-1 |
| D9 | K-1 |
| D10 | L-1 |

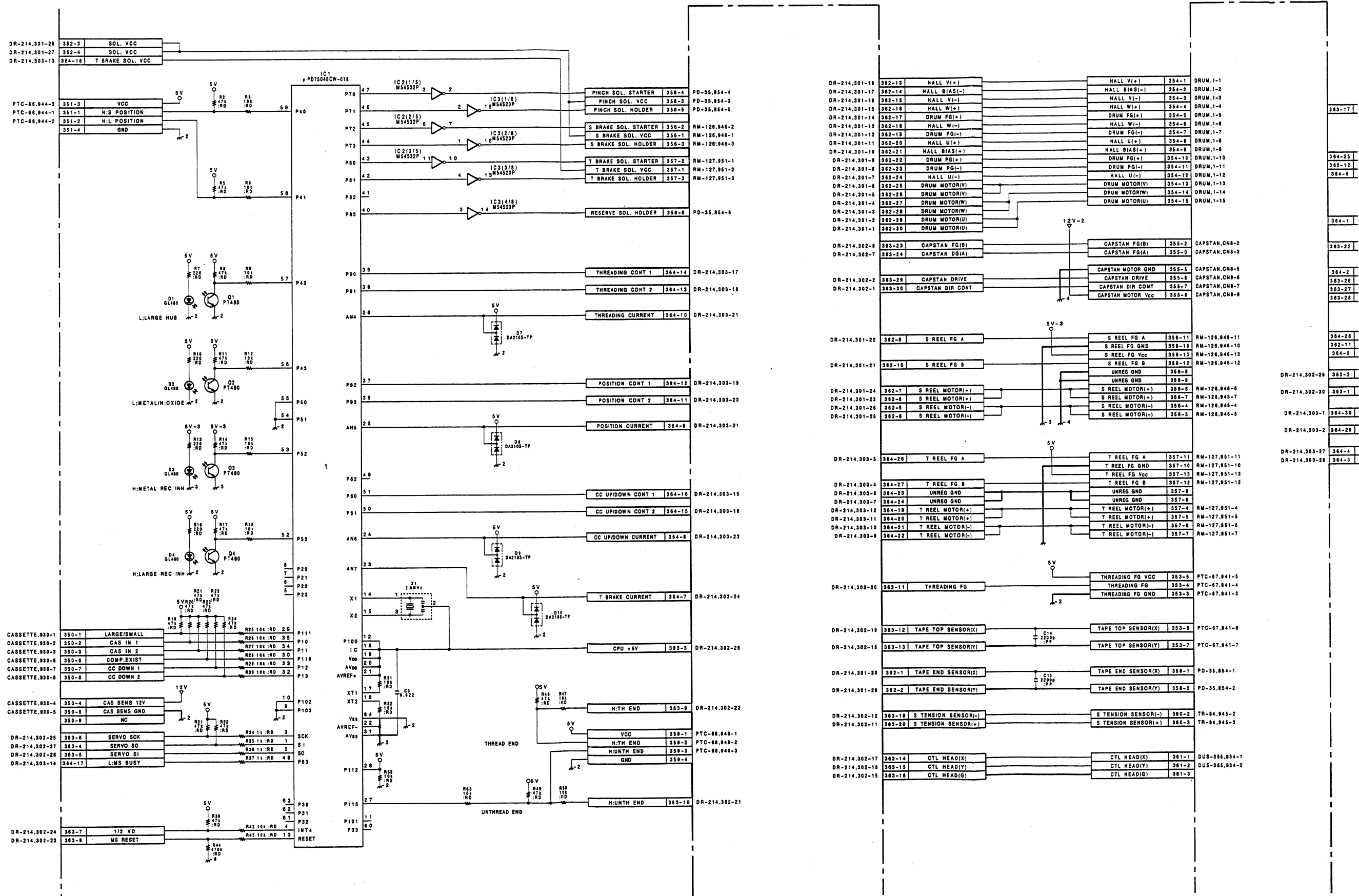
| | |
|-----|-----|
| IC1 | H-4 |
| IC2 | E-3 |
| IC3 | D-3 |
| IC7 | G-4 |
| IC8 | G-3 |

| | |
|-----------|-----|
| Q1 | F-1 |
| Q2 | F-1 |
| Q3 | B-1 |
| <u>Q4</u> | M-1 |

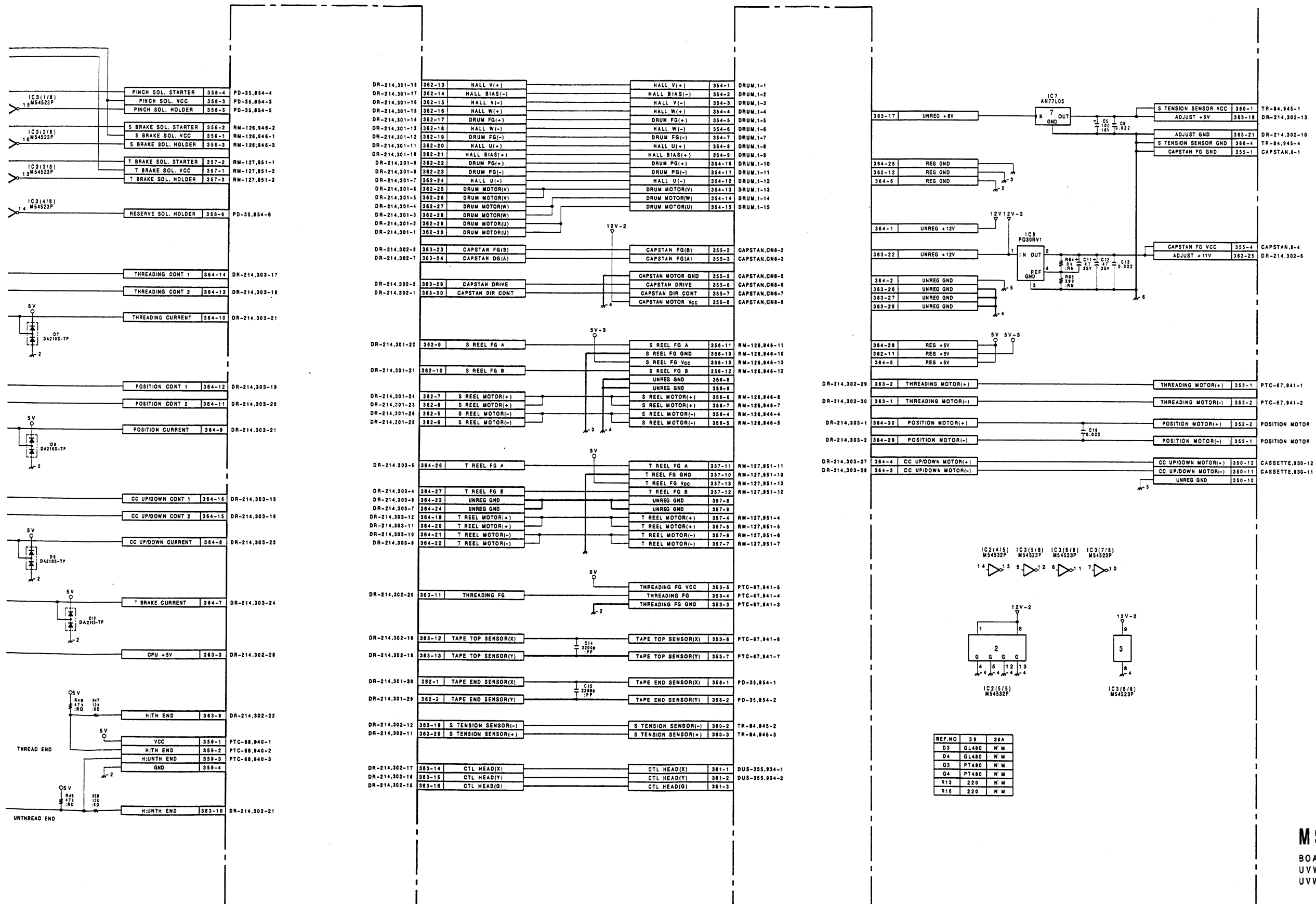
| | |
|----|-----|
| X1 | J-4 |
|----|-----|

*: B SIDE
_: UVW-1800 ONLY

MS-39/39A;CASSETTE INFORMATION,SOLENOID DRIVER,MECHA.CONTROL MPU,DATA STRAGE



STRAGE



MS-39/39A BOARD

BOARD NO.1-648-909-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

RP-70(1-648-904-11)

| | | | | | |
|-------|-----|--------|-----|-------|-----|
| CN1 | J-4 | FS708 | C-5 | RV202 | G-3 |
| CN101 | H-4 | FS709 | C-5 | RV301 | E-2 |
| CN110 | E-5 | FS710 | C-5 | RV302 | F-3 |
| CN201 | F-4 | FS711 | C-5 | | |
| CN301 | E-4 | FS712 | D-5 | S1 | J-3 |
| | | FS713 | E-5 | S101 | H-3 |
| *D701 | D-2 | FS714 | F-5 | S201 | F-3 |
| *D702 | D-5 | FS715 | G-5 | S301 | E-3 |
| *D703 | D-3 | FS716 | J-5 | | |
| *D704 | D-4 | FS717 | D-1 | TP1 | J-1 |
| | | FS718 | D-1 | TP2 | J-1 |
| E1 | J-1 | FS719 | D-1 | TP3 | J-3 |
| E2 | J-4 | FS720 | H-5 | TP4 | J-4 |
| E201 | F-1 | FS721 | G-5 | TP103 | H-3 |
| E202 | F-4 | FS722 | G-5 | TP104 | H-4 |
| E601 | B-1 | FS723 | D-1 | TP201 | G-1 |
| | | FS724 | E-1 | TP202 | F-1 |
| | | FS725 | H-5 | TP203 | F-3 |
| FS2 | J-1 | FS726 | H-5 | TP204 | F-4 |
| FS3 | J-2 | | | TP303 | E-3 |
| FS4 | J-2 | IC1 | J-2 | TP304 | E-4 |
| FS5 | J-3 | IC2 | J-4 | TP601 | B-1 |
| FS6 | J-4 | IC101 | H-2 | TP602 | C-1 |
| FS7 | J-4 | IC102 | H-4 | | |
| FS101 | H-2 | IC201 | F-2 | | |
| FS102 | H-2 | IC202 | G-4 | | |
| FS103 | H-3 | IC301 | E-2 | | |
| FS104 | H-4 | IC302 | E-4 | | |
| FS105 | H-4 | *IC501 | H-1 | | |
| FS106 | H-1 | *IC502 | G-1 | | |
| FS201 | F-1 | *IC503 | F-1 | | |
| FS202 | G-2 | *IC601 | A-3 | | |
| FS203 | F-2 | *IC602 | B-3 | | |
| FS204 | F-3 | *IC701 | D-2 | | |
| FS205 | G-4 | IC702 | D-1 | | |
| FS206 | F-4 | IC703 | D-5 | | |
| FS301 | E-2 | IC704 | D-4 | | |
| FS302 | E-2 | *IC705 | D-3 | | |
| FS303 | E-3 | IC706 | D-3 | | |
| FS304 | F-5 | IC707 | D-4 | | |
| FS305 | E-4 | IC708 | D-3 | | |
| FS501 | E-1 | | | | |
| FS503 | F-1 | *Q1 | J-1 | | |
| FS504 | F-1 | *Q2 | J-2 | | |
| FS505 | G-1 | *Q3 | J-2 | | |
| FS506 | H-1 | *Q102 | H-2 | | |
| FS507 | H-1 | *Q103 | H-2 | | |
| FS508 | H-1 | *Q201 | F-1 | | |
| FS509 | H-1 | *Q202 | F-2 | | |
| FS510 | J-1 | *Q203 | F-2 | | |
| FS511 | J-1 | *Q302 | E-2 | | |
| FS601 | B-2 | *Q303 | E-2 | | |
| FS602 | B-2 | *Q501 | H-1 | | |
| FS603 | B-2 | Q601 | A-2 | | |
| FS604 | B-3 | Q602 | A-3 | | |
| FS605 | B-3 | Q603 | A-3 | | |
| FS606 | B-4 | Q604 | A-3 | | |
| FS607 | B-4 | Q605 | B-2 | | |
| FS609 | A-2 | Q606 | B-3 | | |
| FS610 | A-3 | Q607 | B-3 | | |
| FS611 | B-3 | Q608 | B-3 | | |
| FS612 | B-4 | *Q609 | B-2 | | |
| FS613 | A-4 | *Q610 | B-2 | | |
| FS614 | B-1 | Q611 | B-2 | | |
| FS615 | A-5 | *Q612 | B-2 | | |
| FS616 | B-5 | *Q613 | B-1 | | |
| FS617 | C-5 | *Q614 | B-1 | | |
| FS618 | C-5 | *Q615 | B-2 | | |
| FS619 | B-5 | *Q616 | B-2 | | |
| FS620 | B-5 | *Q617 | B-2 | | |
| FS701 | D-2 | | | | |
| FS702 | D-3 | RV1 | J-2 | | |
| FS703 | D-4 | RV2 | J-3 | | |
| FS704 | D-4 | RV101 | H-2 | | |
| FS705 | C-4 | RV102 | H-3 | | |
| FS706 | D-4 | RV201 | F-2 | | |
| FS707 | D-5 | | | | |

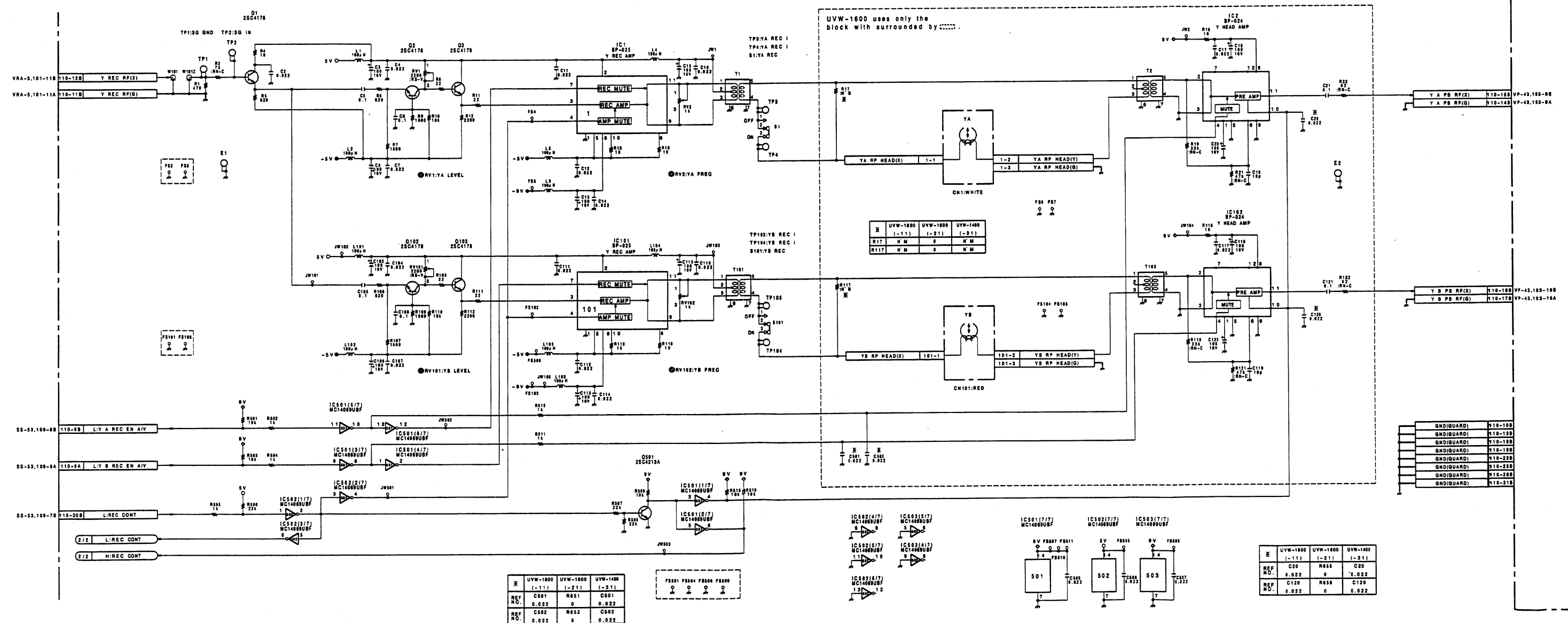
*: B SIDE

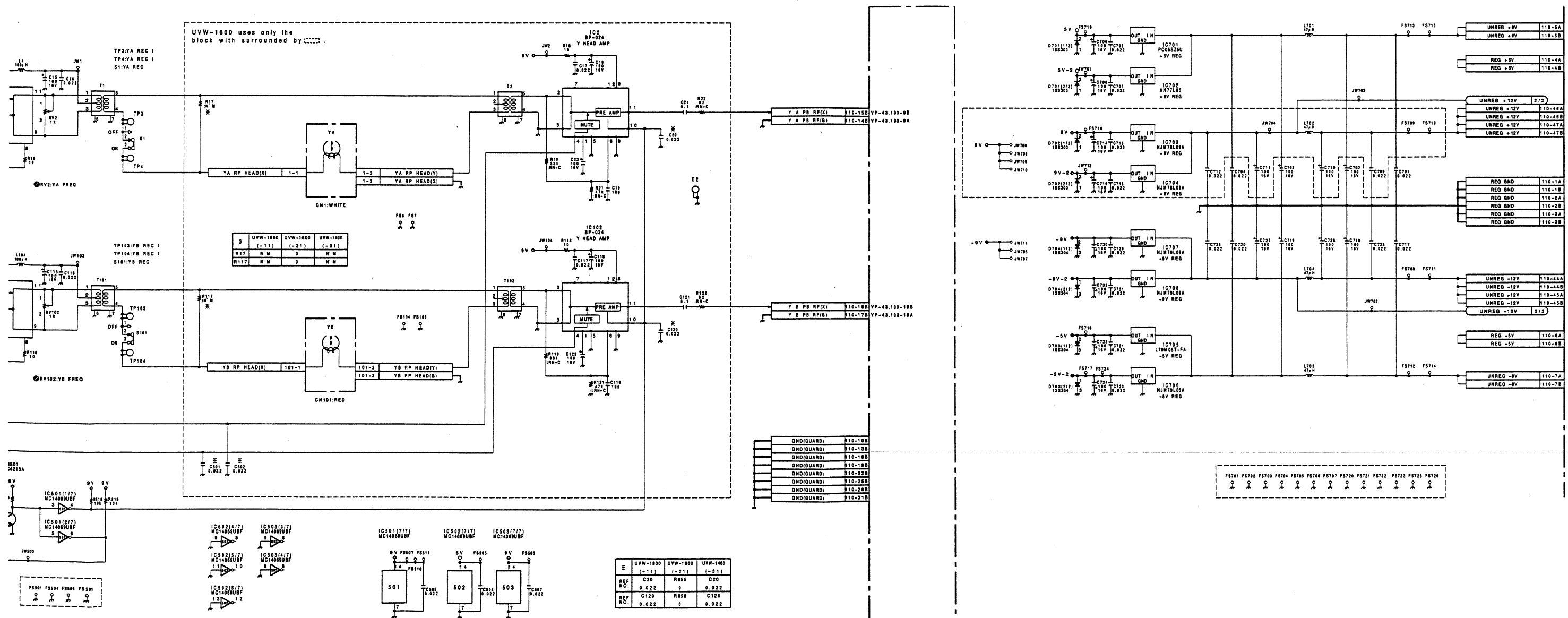
RP-70A(1-648-904-21)

| | |
|-------|-----|
| CN1 | J-4 |
| CN101 | H-4 |
| CN110 | E-5 |
| CN201 | F-4 |
| CN301 | E-4 |
| | |
| *D702 | D-5 |
| | |
| E2 | J-4 |
| E202 | F-4 |
| | |
| FS2 | J-1 |
| FS3 | J-2 |
| FS6 | J-4 |
| FS7 | J-4 |
| FS101 | H-2 |
| FS104 | H-4 |
| FS105 | H-4 |
| FS106 | H-1 |
| FS201 | F-1 |
| FS202 | G-2 |
| FS205 | G-4 |
| FS206 | F-4 |
| FS301 | E-2 |
| FS304 | F-5 |
| FS305 | E-4 |
| FS501 | E-1 |
| FS504 | F-1 |
| FS506 | H-1 |
| FS509 | H-1 |
| FS614 | B-1 |
| FS615 | A-5 |
| FS616 | B-5 |
| FS617 | C-5 |
| FS618 | C-5 |
| FS619 | B-5 |
| FS620 | B-5 |
| FS701 | D-2 |
| FS702 | D-3 |
| FS703 | D-4 |
| FS704 | D-4 |
| FS705 | C-4 |
| FS706 | D-4 |
| FS707 | D-5 |
| FS709 | C-5 |
| FS710 | C-5 |
| FS716 | J-5 |
| FS720 | H-5 |
| FS721 | G-5 |
| FS722 | G-5 |
| FS723 | D-1 |
| FS725 | H-5 |
| FS726 | H-5 |
| | |
| IC2 | J-4 |
| IC102 | H-4 |
| IC202 | G-4 |
| IC302 | E-4 |
| IC703 | D-5 |
| IC704 | D-4 |
| | |
| T2 | J-4 |
| T102 | H-4 |
| T202 | G-4 |
| T302 | F-4 |

*: B SIDE

RP-70(1/2);Y RF REC/PB
RP-70A(1/2);Y RF PB





RP-70/70A BOARD (1 / 2)

BOARD NO.1-648-904-11,21
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-



RP-70(1-648-904-11)

| | | | |
|-------|-----|--------|-----|
| CN1 | J-4 | FS708 | C-5 |
| CN101 | H-4 | FS709 | C-5 |
| CN110 | E-5 | FS710 | C-5 |
| CN201 | F-4 | FS711 | C-5 |
| CN301 | E-4 | FS712 | D-5 |
| | | FS713 | E-5 |
| *D701 | D-2 | FS714 | F-5 |
| *D702 | D-5 | FS715 | G-5 |
| *D703 | D-3 | FS716 | J-5 |
| *D704 | D-4 | FS717 | D-1 |
| | | FS718 | D-1 |
| E1 | J-1 | FS719 | D-1 |
| E2 | J-4 | FS720 | H-5 |
| E201 | F-1 | FS721 | G-5 |
| E202 | F-4 | FS722 | G-5 |
| E601 | B-1 | FS723 | D-1 |
| | | FS724 | E-1 |
| FS2 | J-1 | FS725 | H-5 |
| FS3 | J-2 | FS726 | H-5 |
| FS4 | J-2 | | |
| FS5 | J-3 | IC1 | J-2 |
| FS6 | J-4 | IC2 | J-4 |
| FS7 | J-4 | IC101 | H-2 |
| FS101 | H-2 | IC102 | H-4 |
| FS102 | H-2 | IC201 | F-2 |
| FS103 | H-3 | IC202 | G-4 |
| FS104 | H-4 | IC301 | E-2 |
| FS105 | H-4 | IC302 | E-4 |
| FS106 | H-1 | *IC501 | H-1 |
| FS201 | F-1 | *IC502 | G-1 |
| FS202 | G-2 | *IC503 | F-1 |
| FS203 | F-2 | *IC601 | A-3 |
| FS204 | F-3 | *IC602 | B-3 |
| FS205 | G-4 | *IC701 | D-2 |
| FS206 | F-4 | IC702 | D-1 |
| FS301 | E-2 | IC703 | D-5 |
| FS302 | E-2 | IC704 | D-4 |
| FS303 | E-3 | *IC705 | D-3 |
| FS304 | F-5 | IC706 | D-3 |
| FS305 | E-4 | IC707 | D-4 |
| FS501 | E-1 | IC708 | D-3 |
| FS503 | F-1 | | |
| FS504 | F-1 | *Q1 | J-1 |
| FS505 | G-1 | *Q2 | J-2 |
| FS506 | H-1 | *Q3 | J-2 |
| FS507 | H-1 | *Q102 | H-2 |
| FS508 | H-1 | *Q103 | H-2 |
| FS509 | H-1 | *Q201 | F-1 |
| FS510 | J-1 | *Q202 | F-2 |
| FS511 | J-1 | *Q203 | F-2 |
| FS601 | B-2 | *Q302 | E-2 |
| FS602 | B-2 | *Q303 | E-2 |
| FS603 | B-2 | *Q501 | H-1 |
| FS604 | B-3 | Q601 | A-2 |
| FS605 | B-3 | Q602 | A-3 |
| FS606 | B-4 | Q603 | A-3 |
| FS607 | B-4 | Q604 | A-3 |
| FS609 | A-2 | Q605 | B-2 |
| FS610 | A-3 | Q606 | B-3 |
| FS611 | B-3 | Q607 | B-3 |
| FS612 | B-4 | Q608 | B-3 |
| FS613 | A-4 | *Q609 | B-2 |
| FS614 | B-1 | *Q610 | B-2 |
| FS615 | A-5 | Q611 | B-2 |
| FS616 | B-5 | *Q612 | B-2 |
| FS617 | C-5 | *Q613 | B-1 |
| FS618 | C-5 | *Q614 | B-1 |
| FS619 | B-5 | *Q615 | B-2 |
| FS620 | B-5 | *Q616 | B-2 |
| FS701 | D-2 | *Q617 | B-2 |
| FS702 | D-3 | | |
| FS703 | D-4 | RV1 | J-2 |
| FS704 | D-4 | RV2 | J-3 |
| FS705 | C-4 | RV101 | H-2 |
| FS706 | D-4 | RV102 | H-3 |
| FS707 | D-5 | RV201 | F-2 |

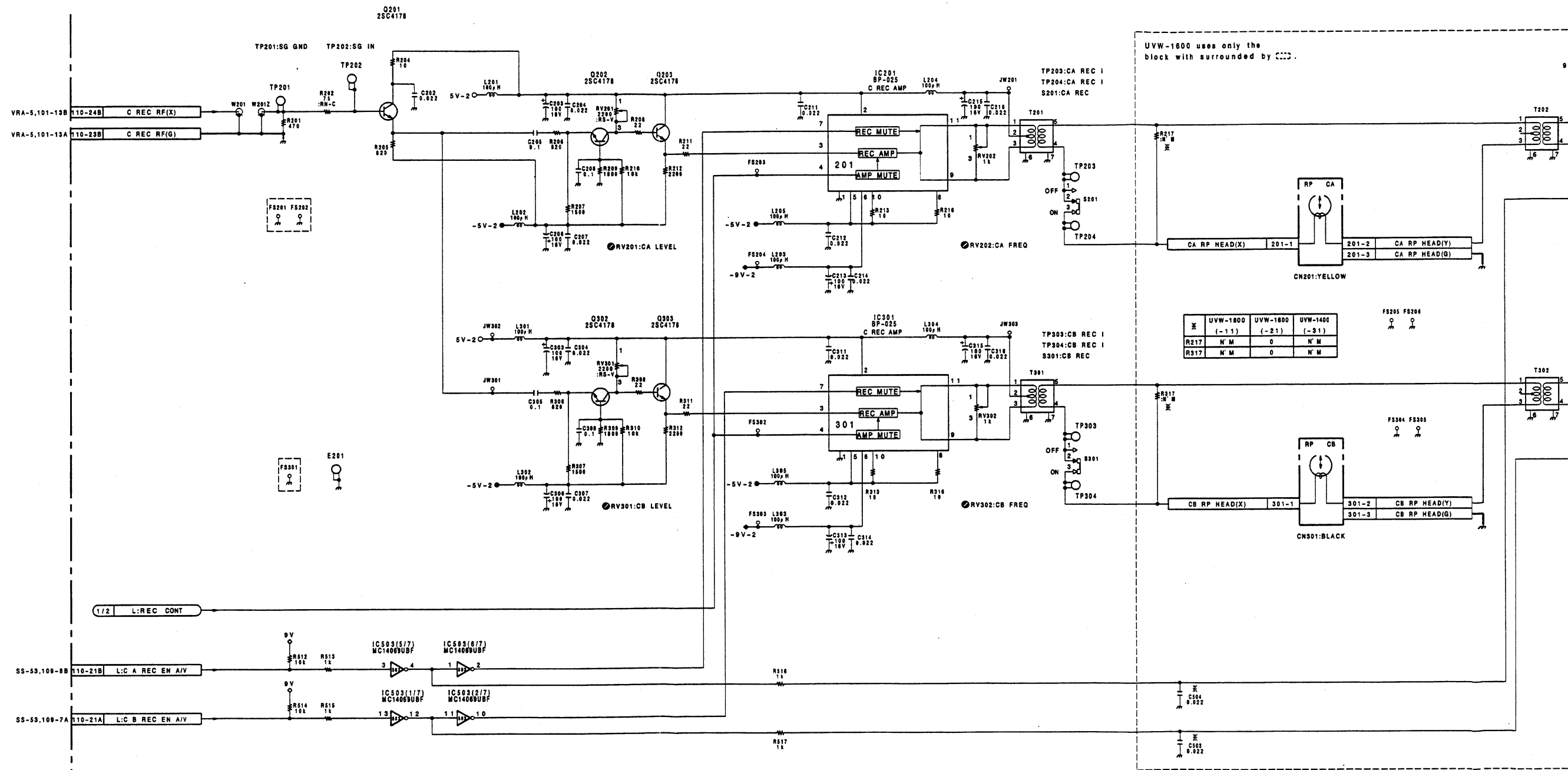
*: B SIDE

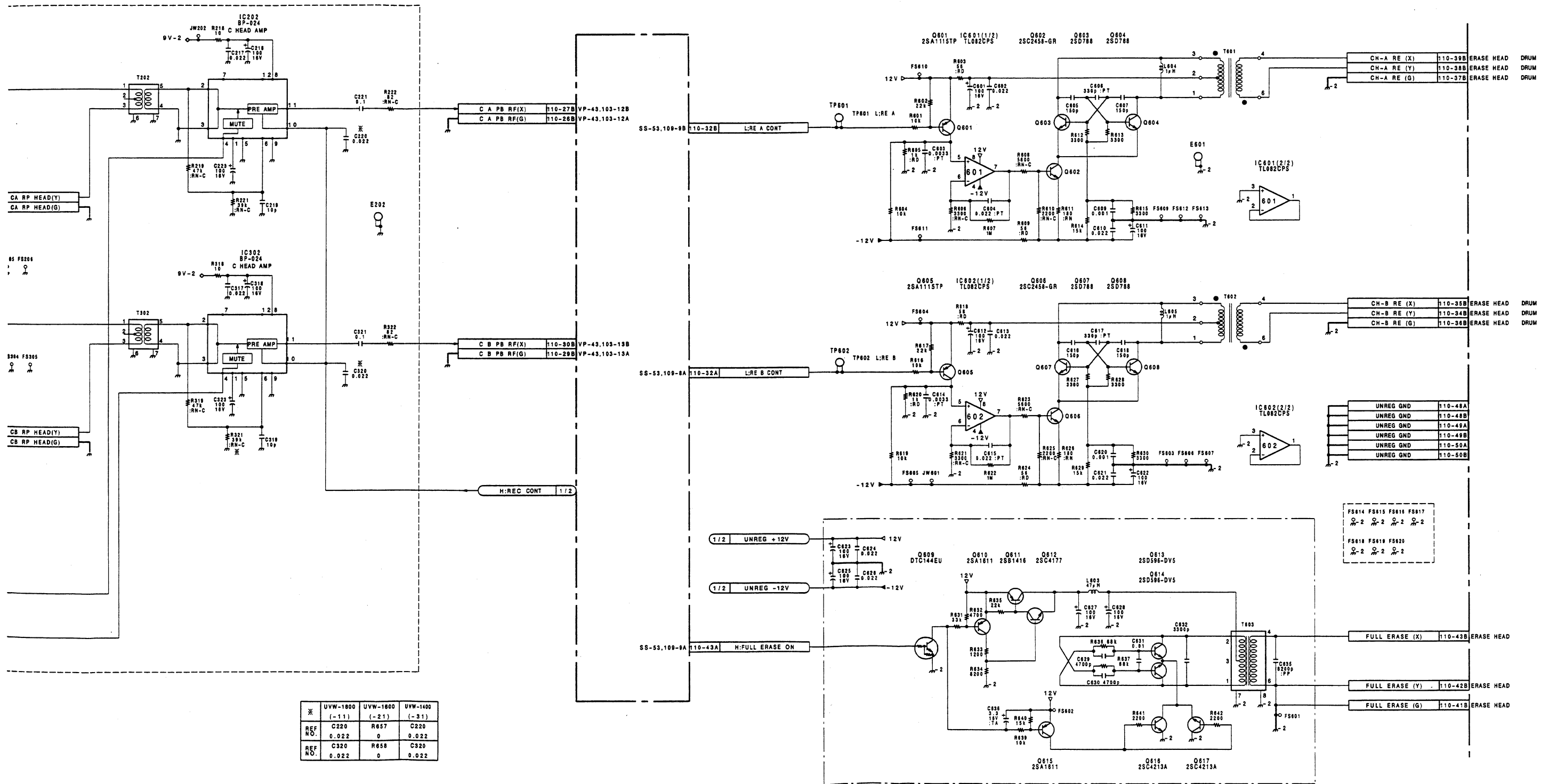
RP-70A(1-648-904-21)

| | |
|-------|-----|
| CN1 | J-4 |
| CN101 | H-4 |
| CN110 | E-5 |
| CN201 | F-4 |
| CN301 | E-4 |
| | |
| *D702 | D-5 |
| | |
| E2 | J-4 |
| E202 | F-4 |
| | |
| FS2 | J-1 |
| FS3 | J-2 |
| FS6 | J-4 |
| FS7 | J-4 |
| FS101 | H-2 |
| FS104 | H-4 |
| FS105 | H-4 |
| FS106 | H-1 |
| FS201 | F-1 |
| FS202 | G-2 |
| FS205 | G-4 |
| FS206 | F-4 |
| FS301 | E-2 |
| FS304 | F-5 |
| FS305 | E-4 |
| FS501 | E-1 |
| FS504 | F-1 |
| FS506 | H-1 |
| FS509 | H-1 |
| FS614 | B-1 |
| FS615 | A-5 |
| FS616 | B-5 |
| FS617 | C-5 |
| FS618 | C-5 |
| FS619 | B-5 |
| FS620 | B-5 |
| FS701 | D-2 |
| FS702 | D-3 |
| FS703 | D-4 |
| FS704 | D-4 |
| FS705 | C-4 |
| FS706 | D-4 |
| FS707 | D-5 |
| FS709 | C-5 |
| FS710 | C-5 |
| FS716 | J-5 |
| FS720 | H-5 |
| FS721 | G-5 |
| FS722 | G-5 |
| FS723 | D-1 |
| FS725 | H-5 |
| FS726 | H-5 |
| | |
| IC2 | J-4 |
| IC102 | H-4 |
| IC202 | G-4 |
| IC302 | E-4 |
| IC703 | D-5 |
| IC704 | D-4 |
| | |
| T2 | J-4 |
| T102 | H-4 |
| T202 | G-4 |
| T302 | F-4 |

*: B SIDE

RP-70(2/2) ;C RF REC/PB,ROTARY/FULL ERASE OSC
RP-70A(2/2);C RF PB





RP-70/70A BOARD (2/2)

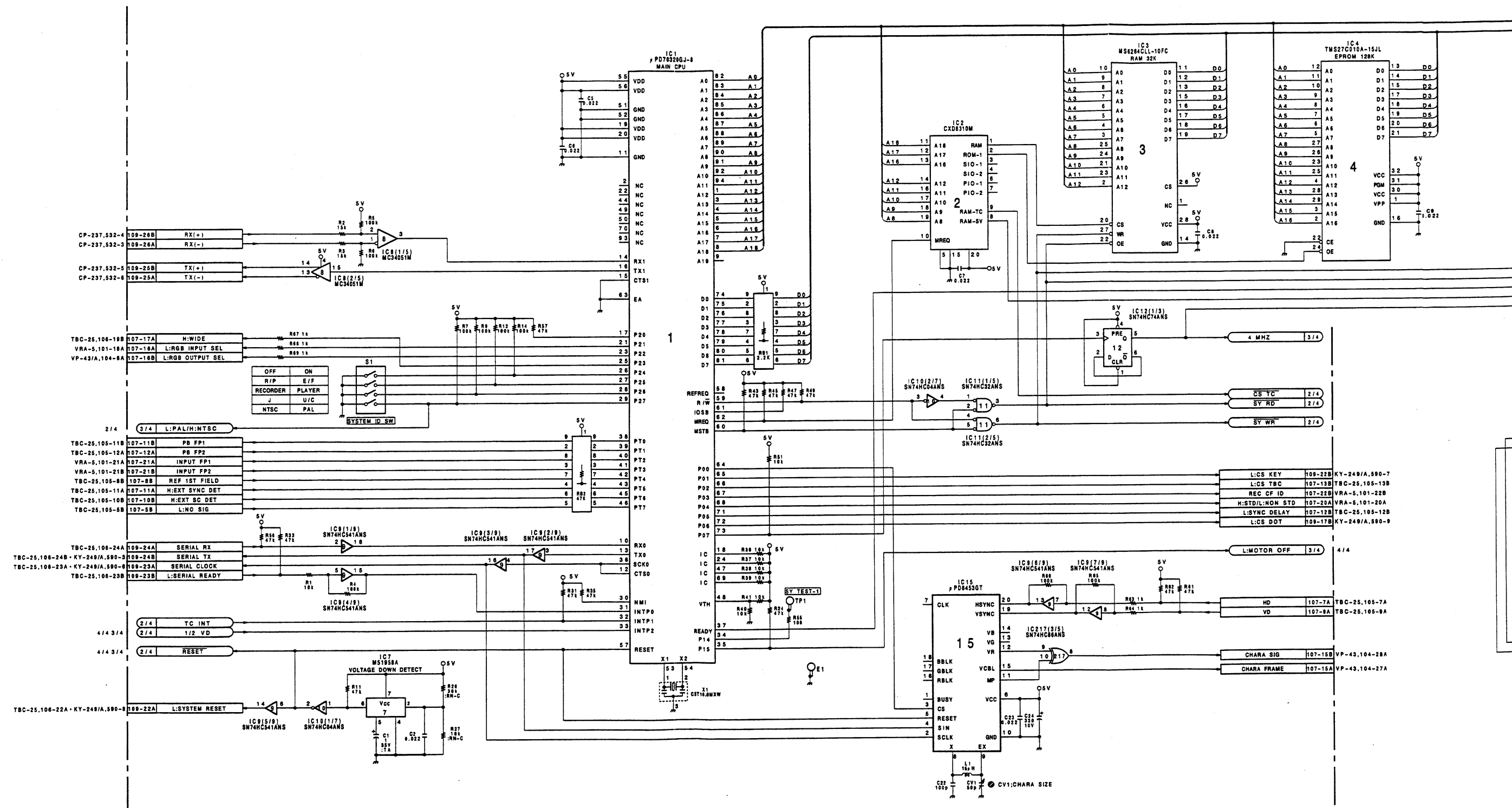
BOARD NO.1-648-904-11,21
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

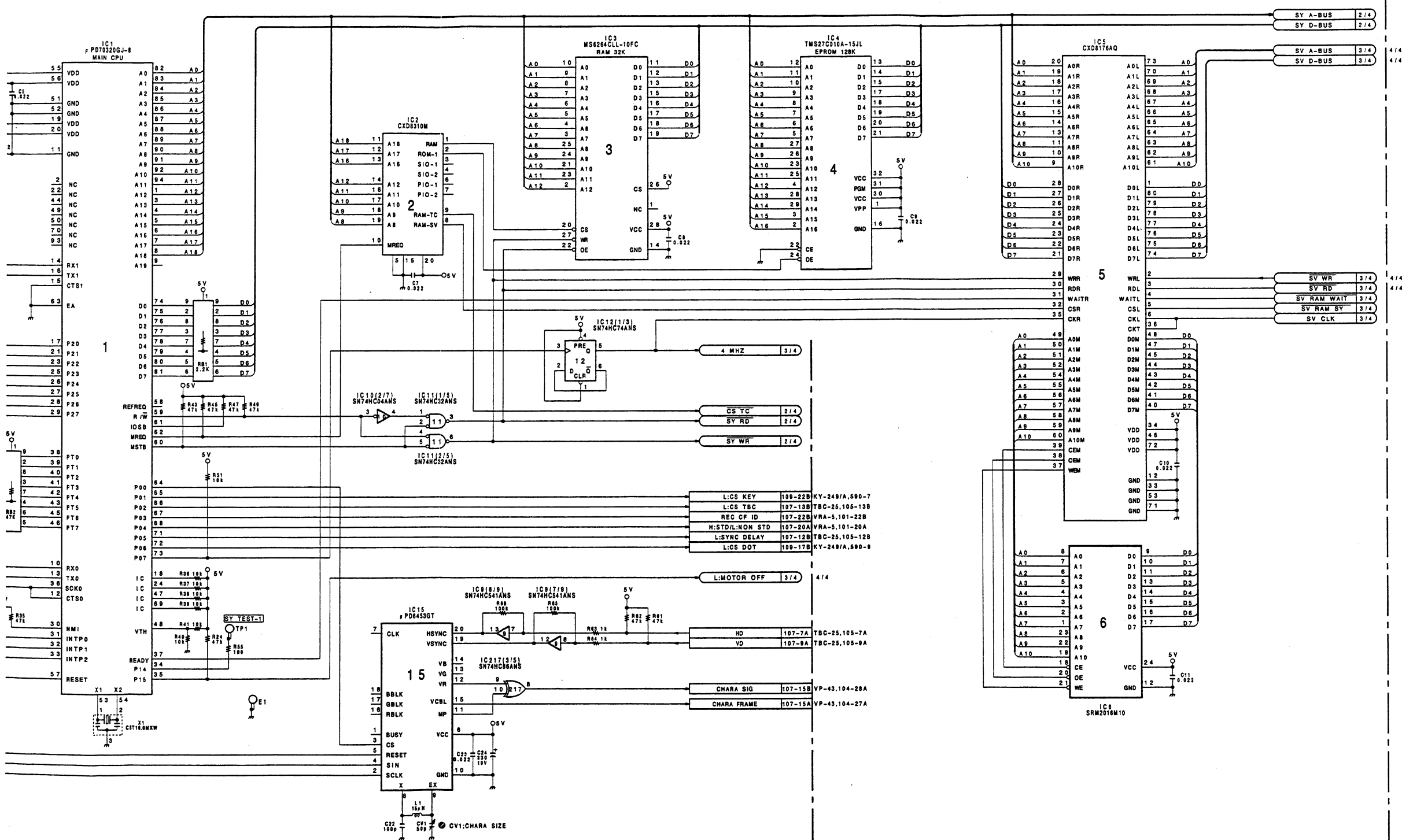
SS-53(1-648-903-11)

| | | | |
|--------|-----|--------|-----|
| CNI4 | K-3 | IC223 | J-4 |
| CNI212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| CV1 | N-1 | IC233 | M-3 |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | E-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| | | TP1 | R-2 |
| IC1 | P-3 | TP100 | A-4 |
| IC2 | N-3 | TP103 | B-4 |
| IC3 | N-3 | TP201 | A-2 |
| IC4 | K-3 | TP202 | A-2 |
| IC5 | L-1 | TP203 | D-1 |
| IC6 | M-2 | TP205 | H-3 |
| IC7 | R-1 | TP206 | G-3 |
| IC8 | R-5 | TP207 | F-4 |
| IC9 | P-5 | TP211 | G-2 |
| IC10 | R-2 | TP216 | H-2 |
| IC11 | P-2 | TP217 | G-3 |
| IC12 | N-2 | TP219 | D-1 |
| IC15 | N-2 | TP223 | H-2 |
| IC100 | A-3 | TP224 | J-2 |
| IC101 | A-5 | TP225 | C-1 |
| IC102 | A-5 | | |
| IC103 | B-5 | X1 | R-2 |
| IC200 | E-3 | X101 | A-3 |
| IC201 | F-4 | X200 | G-1 |
| IC202 | E-2 | | |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

*: B SIDE

SS-53(1/4);SYSCON MAIN





SS-53 BOARD (1/4)

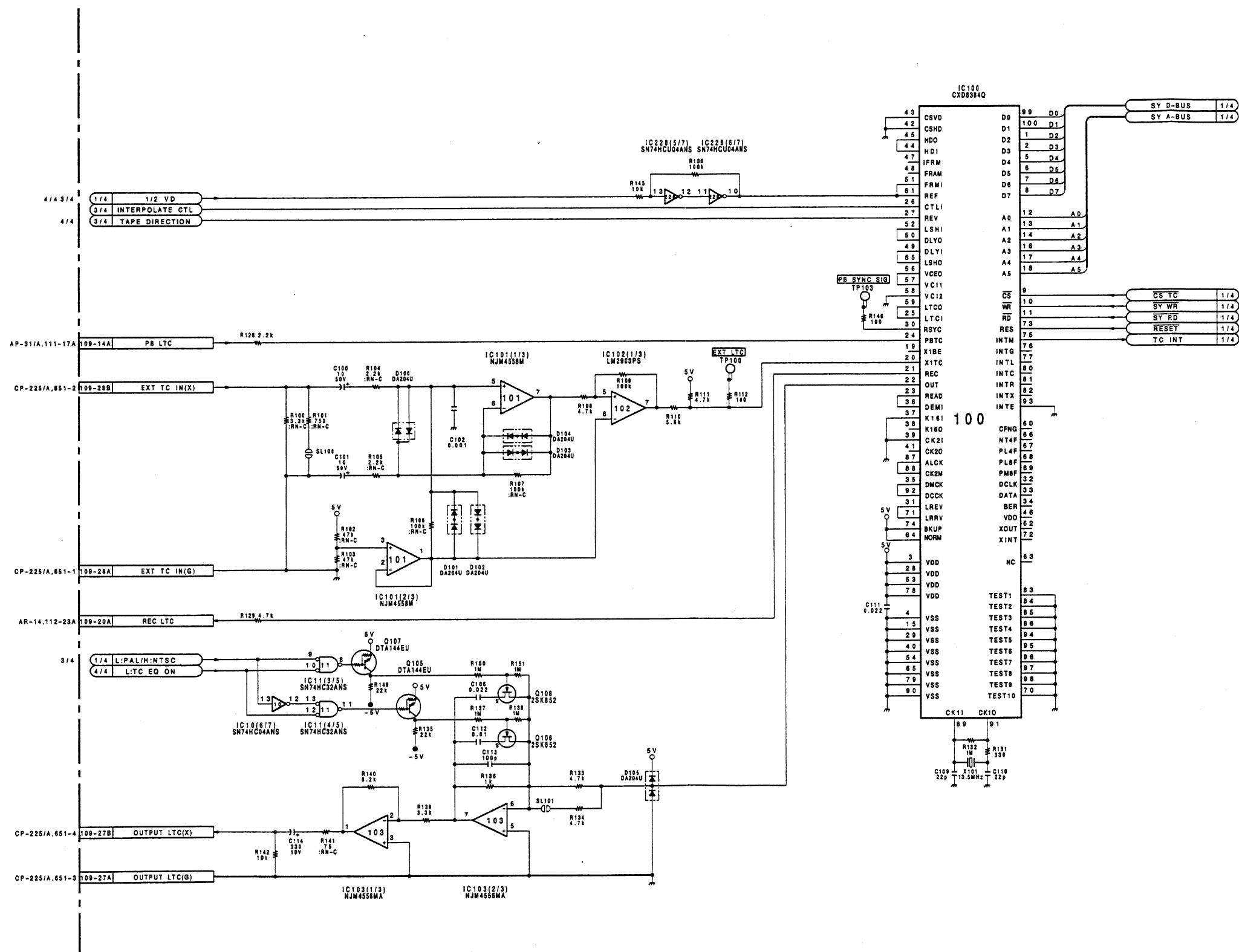
BOARD NO.1-648-903-11
UVW-1800/1600(J) :#10001-
UVW-1800/1600(UC):#10001-

SS-53(1-648-903-11)

| | | | |
|--------|-----|--------|-----|
| CNI4 | K-3 | IC223 | J-4 |
| CNI212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| CV1 | N-1 | IC233 | M-3 |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | E-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| | | TP1 | R-2 |
| IC1 | P-3 | TP100 | A-4 |
| IC2 | N-3 | TP103 | B-4 |
| IC3 | N-3 | TP201 | A-2 |
| IC4 | K-3 | TP202 | A-2 |
| IC5 | L-1 | TP203 | D-1 |
| IC6 | M-2 | TP205 | H-3 |
| IC7 | R-1 | TP206 | G-3 |
| IC8 | R-5 | TP207 | F-4 |
| IC9 | P-5 | TP211 | G-2 |
| IC10 | R-2 | TP216 | H-2 |
| IC11 | P-2 | TP217 | G-3 |
| IC12 | N-2 | TP219 | D-1 |
| IC15 | N-2 | TP223 | H-2 |
| IC100 | A-3 | TP224 | J-2 |
| IC101 | A-5 | TP225 | C-1 |
| IC102 | A-5 | | |
| IC103 | B-5 | X1 | R-2 |
| IC200 | E-3 | X101 | A-3 |
| IC201 | F-4 | X200 | G-1 |
| IC202 | E-2 | | |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

*: B SIDE

SS-53(2/4);TC GENERATOR/READER



SS-53 BOARD (2/4)

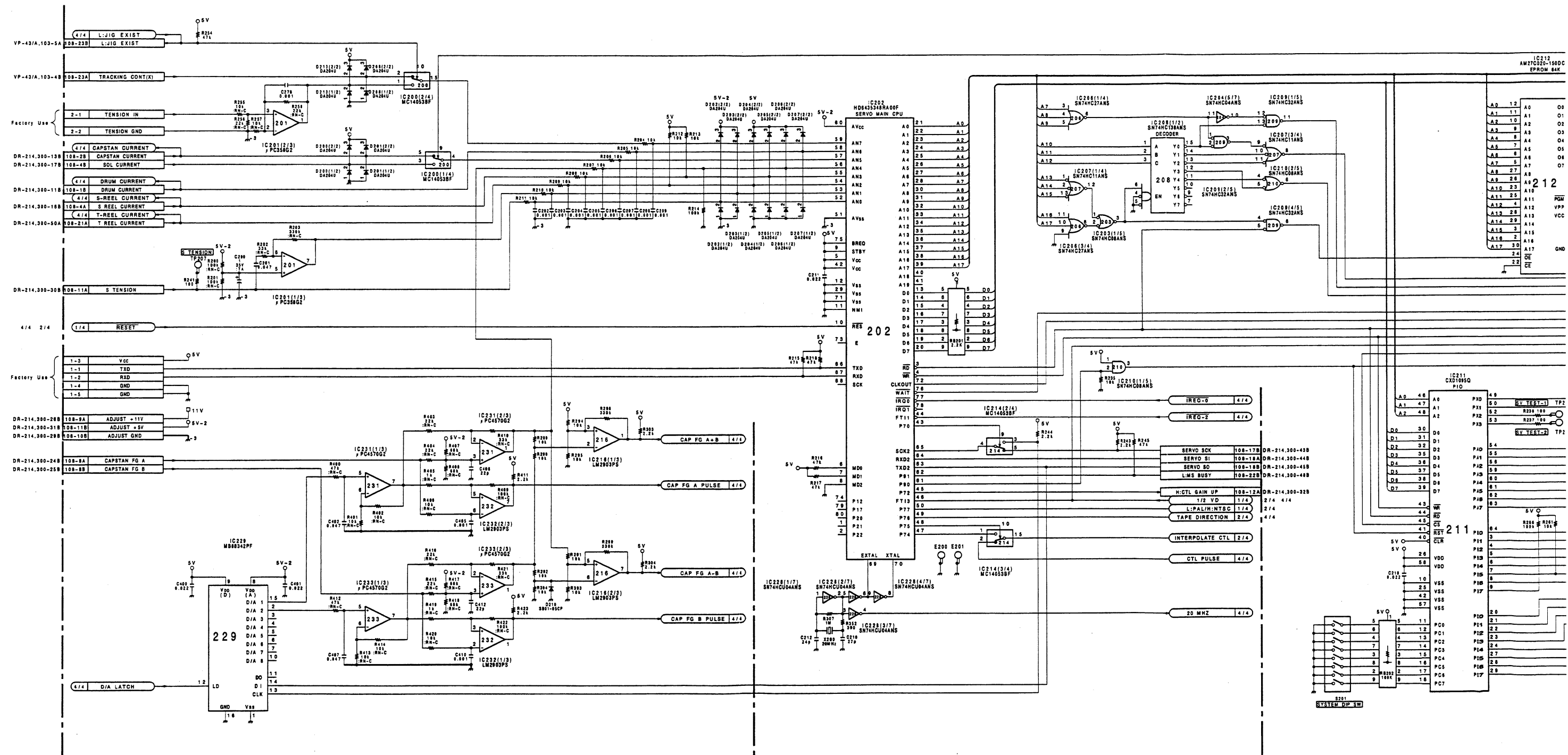
BOARD NO.1-648-903-11
UVW-1800/1600(J) :#10001-
UVW-1800/1600(UC):#10001-

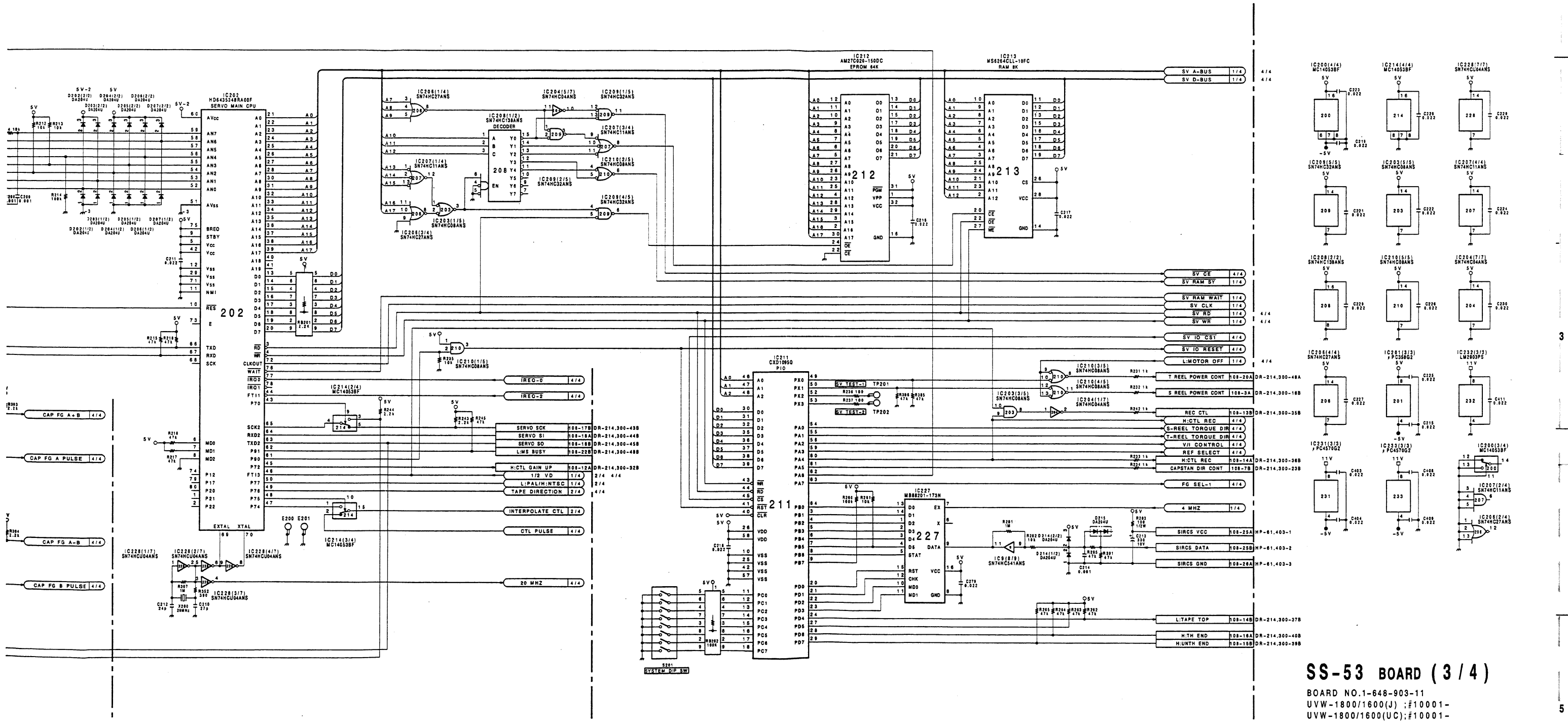
SS-53(1-648-903-11)

| | | | |
|--------|-----|--------|-----|
| CN14 | K-3 | IC223 | J-4 |
| CN1212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| CV1 | N-1 | IC233 | M-3 |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | E-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| | | TP1 | R-2 |
| IC1 | P-3 | TP100 | A-4 |
| IC2 | N-3 | TP103 | B-4 |
| IC3 | N-3 | TP201 | A-2 |
| IC4 | K-3 | TP202 | A-2 |
| IC5 | L-1 | TP203 | D-1 |
| IC6 | M-2 | TP205 | H-3 |
| IC7 | R-1 | TP206 | G-3 |
| IC8 | R-5 | TP207 | F-4 |
| IC9 | P-5 | TP211 | G-2 |
| IC10 | R-2 | TP216 | H-2 |
| IC11 | P-2 | TP217 | G-3 |
| IC12 | N-2 | TP219 | D-1 |
| IC15 | N-2 | TP223 | H-2 |
| IC100 | A-3 | TP224 | J-2 |
| IC101 | A-5 | TP225 | C-1 |
| IC102 | A-5 | | |
| IC103 | B-5 | X1 | R-2 |
| IC200 | E-3 | X101 | A-3 |
| IC201 | F-4 | X200 | G-1 |
| IC202 | E-2 | | |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

*: B SIDE

SS-53(3/4);SERVO MAIN



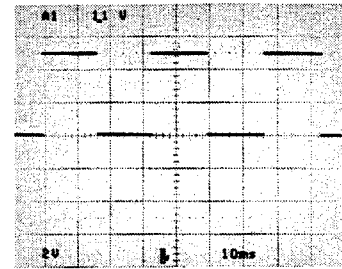


SS-53(1-648-903-11)

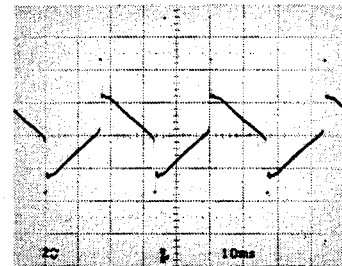
| | | | |
|--------|-----|--------|-----|
| CN14 | K-3 | IC223 | J-4 |
| CN1212 | C-2 | IC224 | J-3 |
| | | IC225 | J-3 |
| CN1 | E-1 | IC226 | C-4 |
| CN2 | F-1 | IC227 | A-2 |
| CN3 | P-1 | IC228 | F-2 |
| CN107 | N-6 | IC229 | L-3 |
| CN108 | K-6 | IC230 | H-3 |
| CN109 | C-6 | IC231 | L-3 |
| | | IC232 | L-4 |
| CV1 | N-1 | IC233 | M-3 |
| *D100 | A-5 | PS1 | L-5 |
| *D101 | A-5 | PS2 | M-5 |
| *D102 | A-5 | | |
| *D103 | A-5 | *Q105 | B-5 |
| *D104 | A-5 | *Q106 | B-5 |
| *D105 | B-4 | *Q107 | B-4 |
| *D200 | E-3 | *Q108 | B-5 |
| *D201 | E-3 | *Q204 | D-5 |
| *D202 | E-3 | *Q205 | D-5 |
| *D203 | E-3 | *Q206 | D-5 |
| *D204 | E-3 | *Q207 | D-5 |
| *D205 | E-2 | *Q208 | D-5 |
| *D206 | F-3 | *Q209 | D-5 |
| *D207 | F-3 | *Q210 | J-3 |
| *D208 | E-3 | *Q211 | J-3 |
| *D210 | G-4 | | |
| *D211 | E-2 | *RB1 | P-3 |
| *D213 | E-3 | *RB2 | R-2 |
| *D214 | J-6 | *RB201 | E-1 |
| *D215 | J-5 | *RB202 | B-1 |
| | | *RB203 | K-4 |
| E1 | N-1 | | |
| E200 | E-4 | S1 | R-4 |
| E201 | D-1 | S201 | B-1 |
| E202 | J-1 | | |
| IC1 | P-3 | TP1 | R-2 |
| IC2 | N-3 | TP100 | A-4 |
| IC3 | N-3 | TP103 | B-4 |
| IC4 | K-3 | TP201 | A-2 |
| IC5 | L-1 | TP202 | A-2 |
| IC6 | M-2 | TP203 | D-1 |
| IC7 | R-1 | TP205 | H-3 |
| IC8 | R-5 | TP206 | G-3 |
| IC9 | P-5 | TP207 | F-4 |
| IC10 | R-2 | TP211 | G-2 |
| IC11 | P-2 | TP216 | H-2 |
| IC12 | N-2 | TP217 | G-3 |
| IC15 | N-2 | TP219 | D-1 |
| IC100 | A-3 | TP223 | H-2 |
| IC101 | A-5 | TP224 | J-2 |
| IC102 | A-5 | TP225 | C-1 |
| IC103 | B-5 | | |
| IC200 | E-3 | X1 | R-2 |
| IC201 | F-4 | X101 | A-3 |
| IC202 | E-2 | X200 | G-1 |
| IC203 | E-3 | | |
| IC204 | D-4 | | |
| IC206 | E-3 | | |
| IC207 | D-3 | | |
| IC208 | D-3 | | |
| IC209 | D-3 | | |
| IC210 | D-3 | | |
| IC211 | B-2 | | |
| IC212 | C-2 | | |
| IC213 | C-3 | | |
| IC214 | E-3 | | |
| IC215 | G-3 | | |
| IC216 | G-3 | | |
| IC217 | G-3 | | |
| IC219 | H-1 | | |
| IC220 | J-3 | | |
| IC221 | J-4 | | |
| IC222 | J-3 | | |

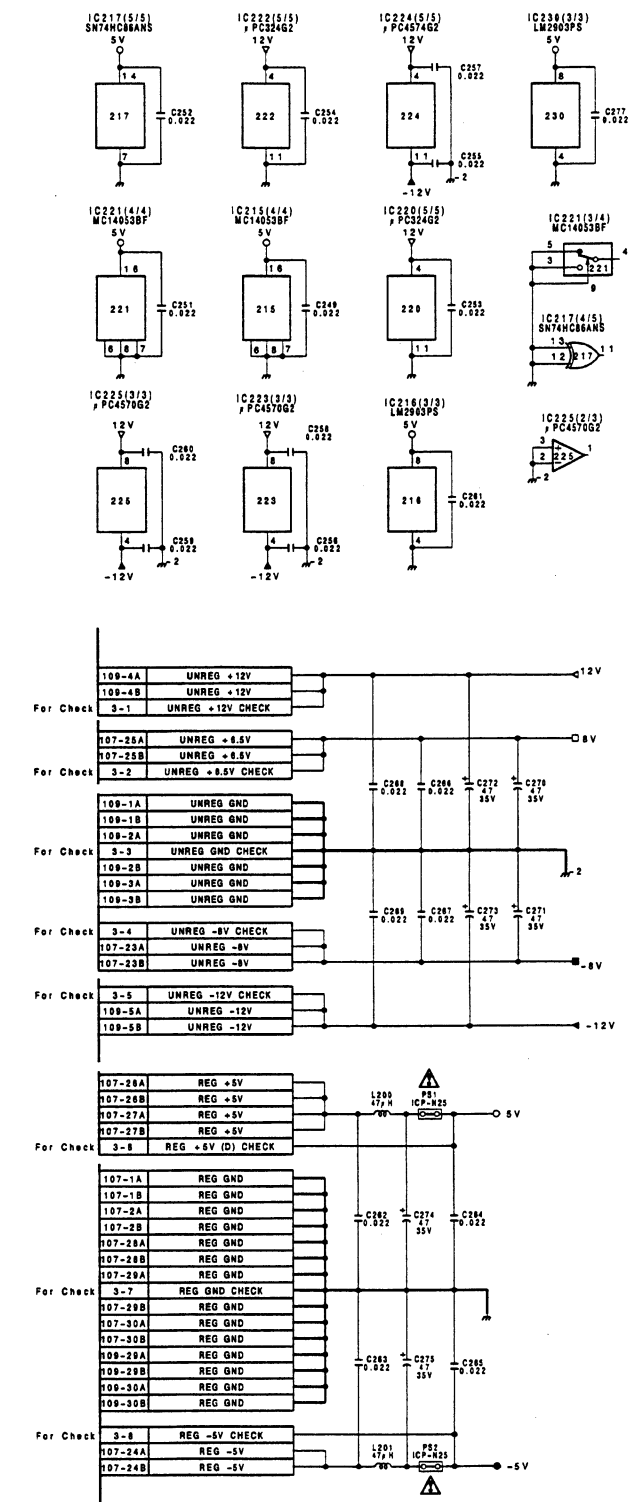
*: B SIDE

① TP219 EE/REC/PB



② TP225 PB





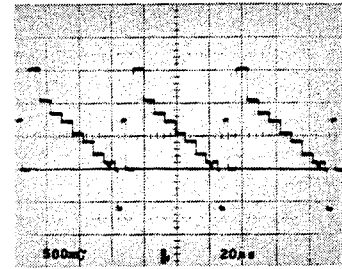
BOARD NO.1-648-903-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

TBC-25(1-648-901-11)

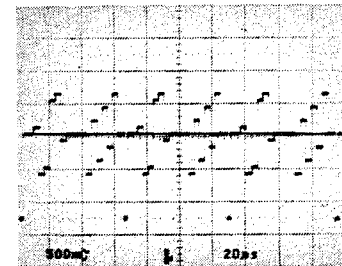
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | R-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IF527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | | |
| IC3 | L-1 | IC713 | C-3 | TH400 | R-5 |
| IC4 | L-4 | IC714 | A-4 | | |
| IC5 | E-6 | IC715 | D-2 | TP100 | R-3 |
| IC6 | L-1 | IC716 | A-3 | TP101 | N-3 |
| IC7 | L-5 | IC717 | A-5 | TP200 | R-3 |
| IC100 | P-3 | IC718 | B-2 | TP201 | N-3 |
| IC101 | P-3 | IC719 | B-2 | TP300 | R-1 |
| IC102 | M-3 | IC720 | B-3 | TP301 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP303 | P-2 |
| IC200 | P-3 | IC722 | B-4 | TP400 | M-5 |
| IC203 | M-3 | IC723 | C-5 | TP401 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP402 | N-4 |
| IC301 | P-2 | IC725 | D-5 | TP500 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP501 | E-1 |
| IC303 | M-1 | IC727 | E-4 | TP502 | D-1 |
| IC304 | M-2 | | | TP700 | C-5 |
| IC305 | N-2 | LV300 | R-2 | TP701 | C-4 |
| IC306 | M-2 | LV400 | M-4 | TP702 | C-1 |
| IC307 | R-2 | | | TP703 | C-3 |
| IC308 | R-2 | *Q100 | R-3 | TP704 | C-1 |
| IC400 | R-5 | *Q101 | R-3 | | |
| IC401 | N-5 | *Q102 | P-3 | X700 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | X701 | C-2 |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

*: B SIDE

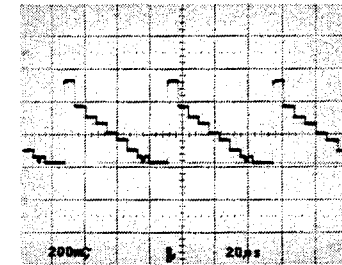
① TP101 PB



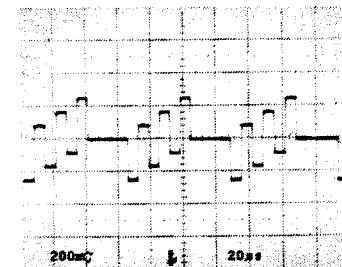
② TP201 PB



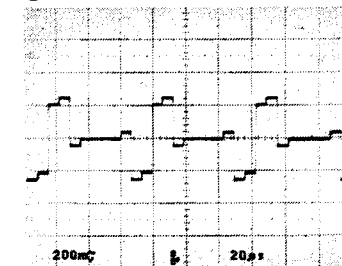
③ TP500 PB



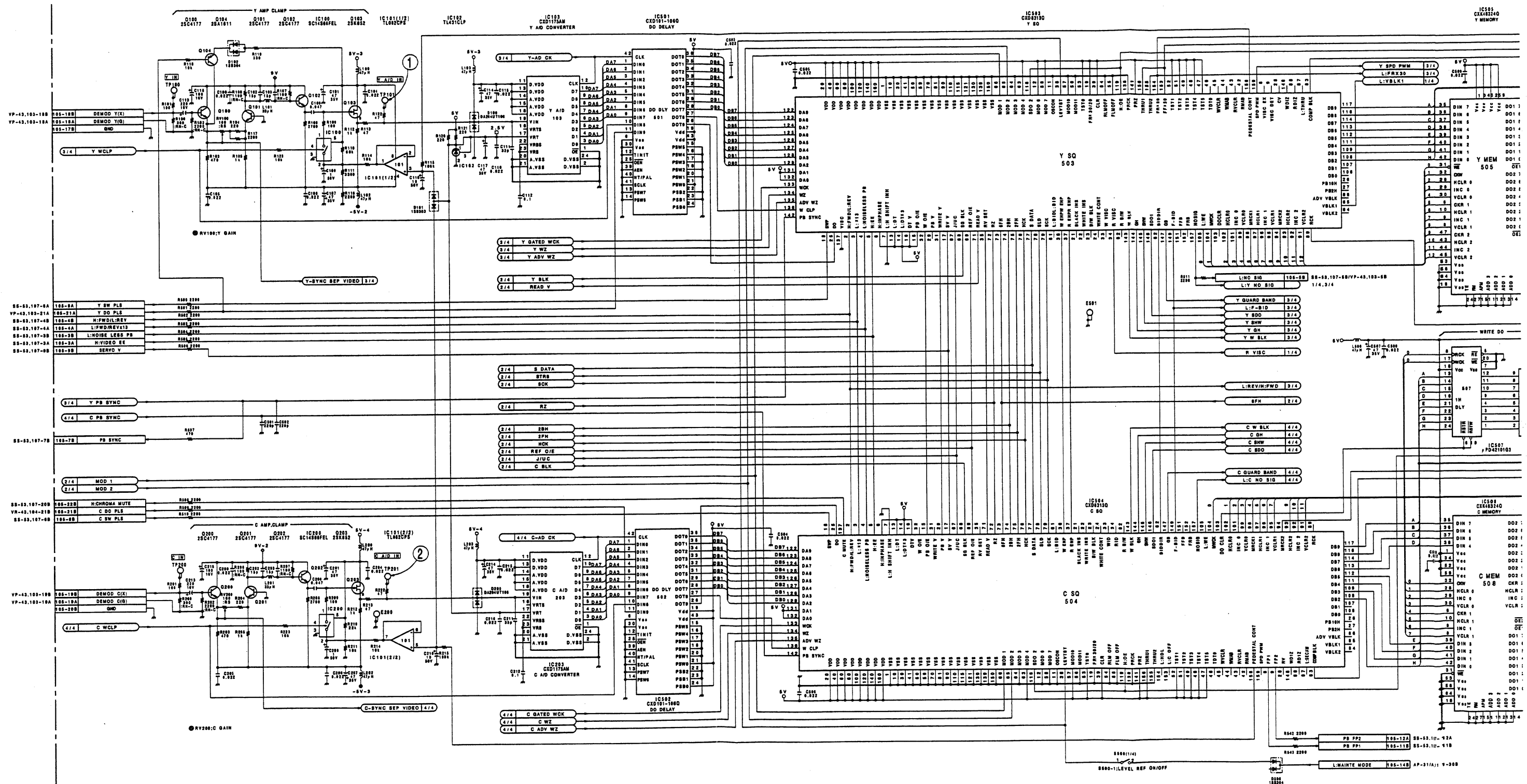
④ TP501 PB

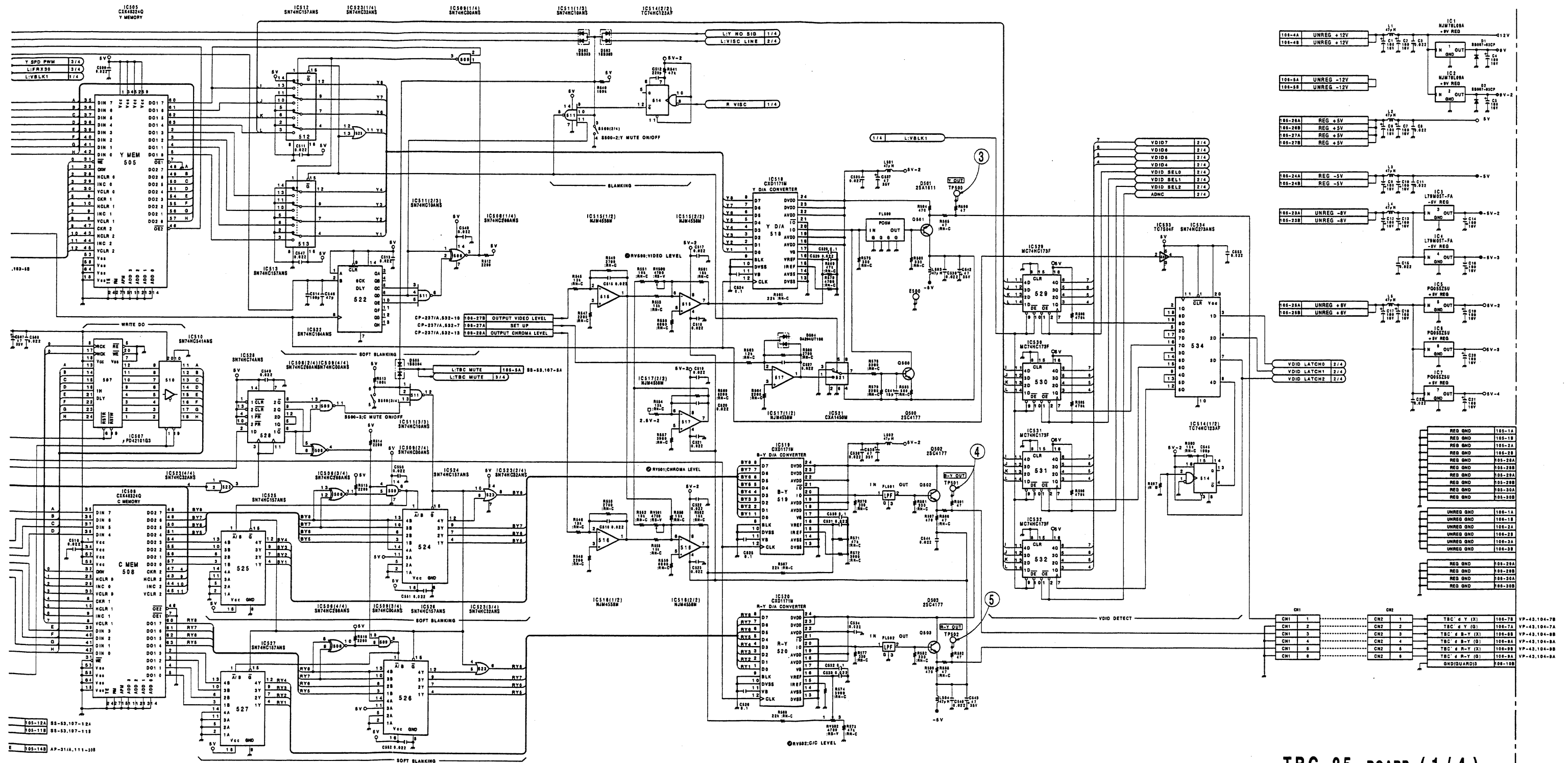


⑤ TP502 PB



TBC-25(1/4);A/D,MEMORY,D/A,SEQUENCER





TBC-25 BOARD (1/4)

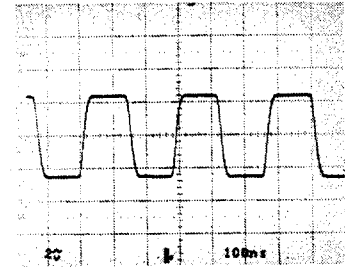
BOARD NO.1-648-901-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

TBC-25(1-648-901-11)

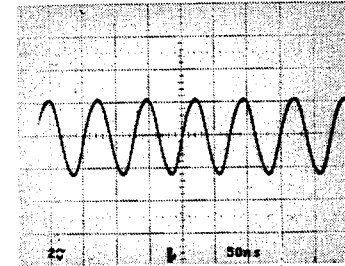
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | R-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IF527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | | |
| IC3 | L-1 | IC713 | C-3 | TH400 | R-5 |
| IC4 | L-4 | IC714 | A-4 | | |
| IC5 | E-6 | IC715 | D-2 | TP100 | R-3 |
| IC6 | L-1 | IC716 | A-3 | TP101 | N-3 |
| IC7 | L-5 | IC717 | A-5 | TP200 | R-3 |
| IC100 | P-3 | IC718 | B-2 | TP201 | N-3 |
| IC101 | P-3 | IC719 | B-2 | TP300 | R-1 |
| IC102 | M-3 | IC720 | B-3 | TP301 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP303 | P-2 |
| IC200 | P-3 | IC722 | B-4 | TP400 | M-5 |
| IC203 | M-3 | IC723 | C-5 | TP401 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP402 | N-4 |
| IC301 | P-2 | IC725 | D-5 | TP500 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP501 | E-1 |
| IC303 | M-1 | IC727 | E-4 | TP502 | D-1 |
| IC304 | M-2 | | | TP700 | C-5 |
| IC305 | N-2 | LV300 | R-2 | TP701 | C-4 |
| IC306 | M-2 | LV400 | M-4 | TP702 | C-1 |
| IC307 | R-2 | | | TP703 | C-3 |
| IC308 | R-2 | *Q100 | R-3 | TP704 | C-1 |
| IC400 | R-5 | *Q101 | R-3 | | |
| IC401 | N-5 | *Q102 | P-3 | X700 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | X701 | C-2 |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

*: B SIDE

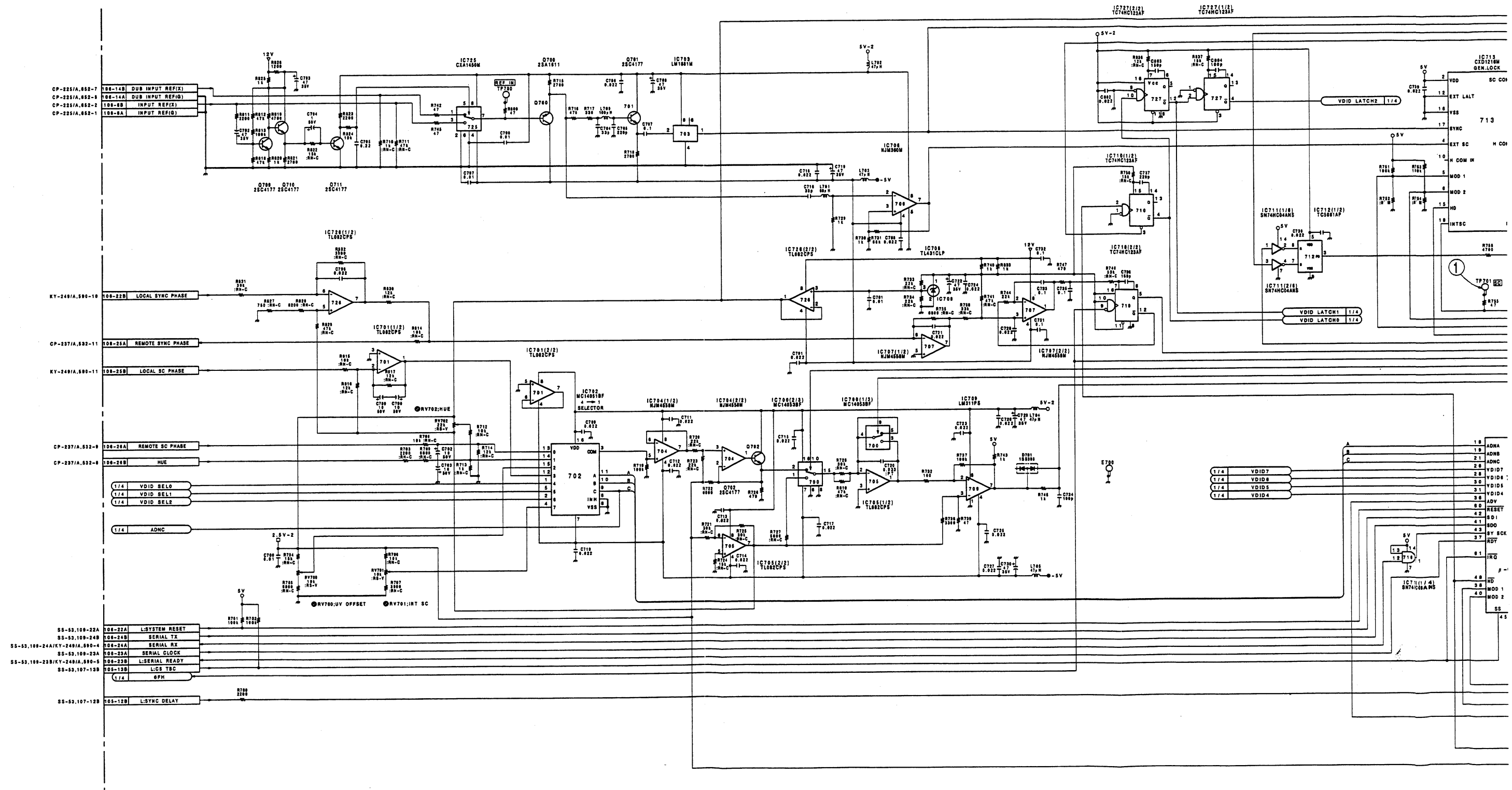
① TP701 PB

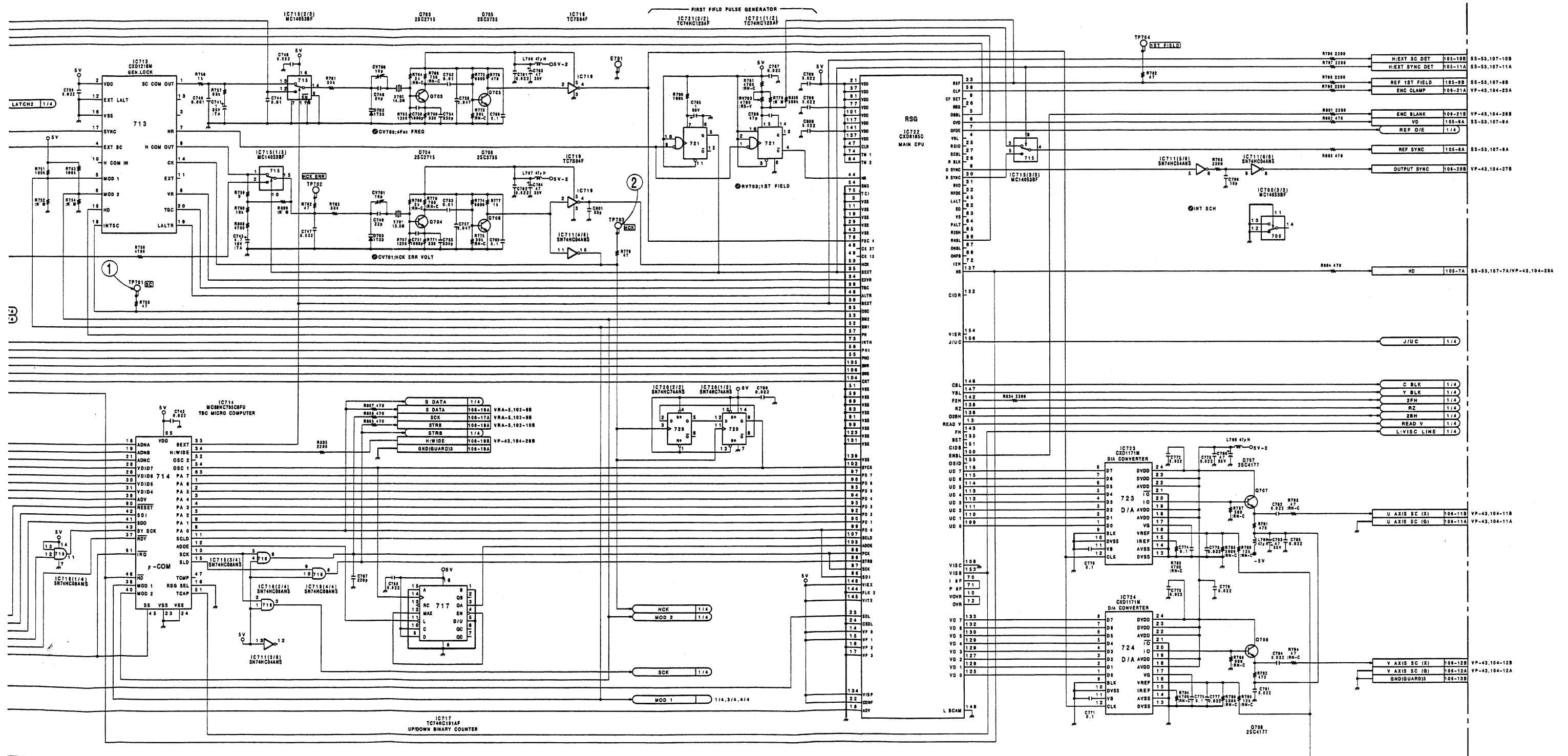


② TP703 PB



TBC-25(2/4);SYNC/SC PROCESS,TBC MPU





TBC-25 BOARD (2/4)

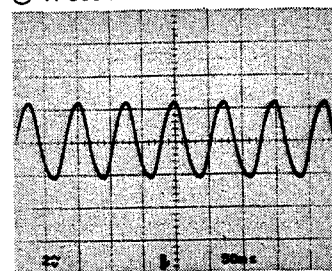
BOARD NO.1-648-901-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

TBC-25(1-648-901-11)

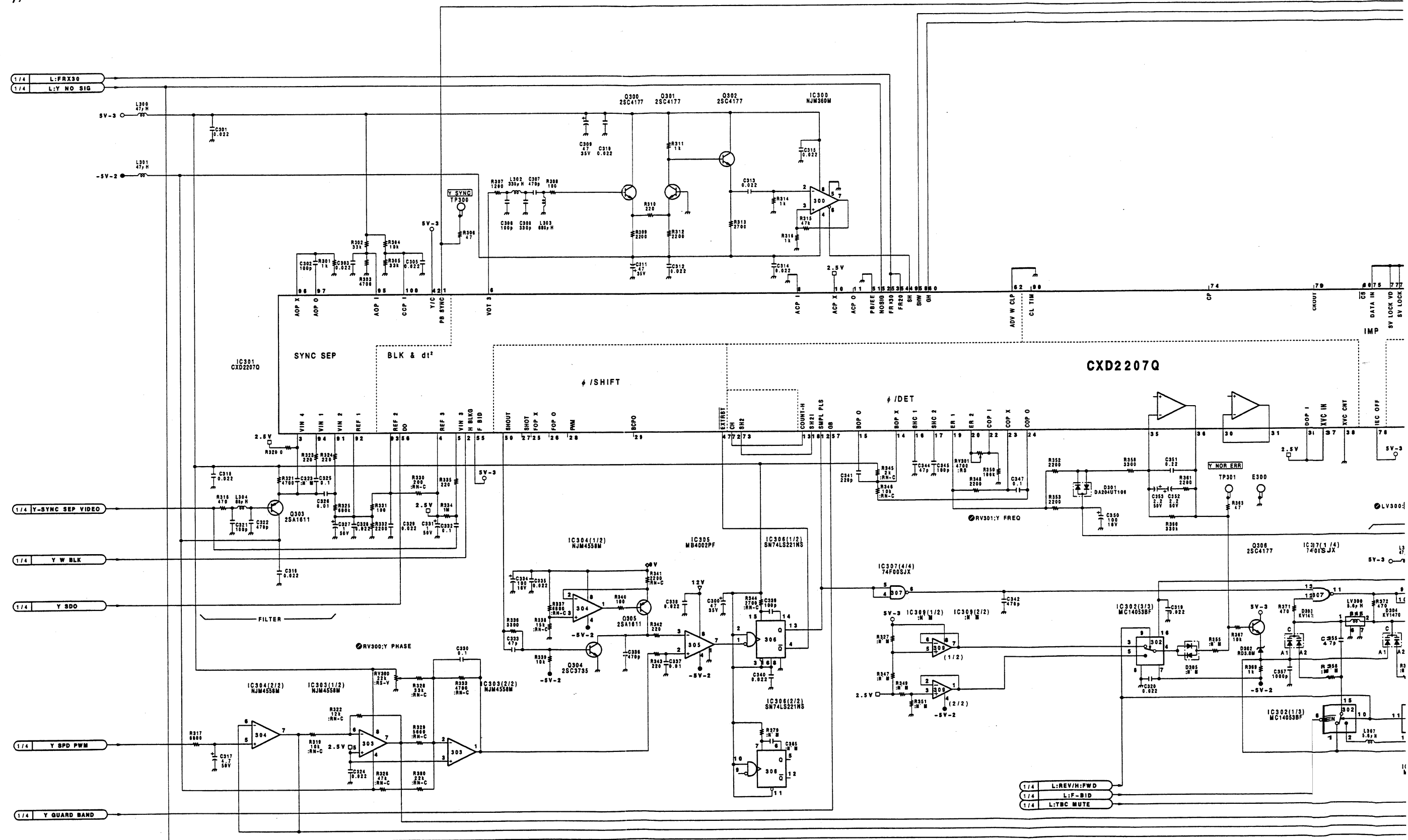
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | R-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IC527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | | |
| IC3 | L-1 | IC713 | C-3 | TH400 | R-5 |
| IC4 | L-4 | IC714 | A-4 | | |
| IC5 | E-6 | IC715 | D-2 | TP100 | R-3 |
| IC6 | L-1 | IC716 | A-3 | TP101 | N-3 |
| IC7 | L-5 | IC717 | A-5 | TP200 | R-3 |
| IC100 | P-3 | IC718 | B-2 | TP201 | N-3 |
| IC101 | P-3 | IC719 | B-2 | TP300 | R-1 |
| IC102 | M-3 | IC720 | B-3 | TP301 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP303 | P-2 |
| IC200 | P-3 | IC722 | B-4 | TP400 | M-5 |
| IC203 | M-3 | IC723 | C-5 | TP401 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP402 | N-4 |
| IC301 | P-2 | IC725 | D-5 | TP500 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP501 | E-1 |
| IC303 | M-1 | IC727 | E-4 | TP502 | D-1 |
| IC304 | M-2 | | | TP700 | C-5 |
| IC305 | N-2 | LV300 | R-2 | TP701 | C-4 |
| IC306 | M-2 | LV400 | M-4 | TP702 | C-1 |
| IC307 | R-2 | | | TP703 | C-3 |
| IC308 | R-2 | *Q100 | R-3 | TP704 | C-1 |
| IC400 | R-5 | *Q101 | R-3 | | |
| IC401 | N-5 | *Q102 | P-3 | X700 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | X701 | C-2 |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

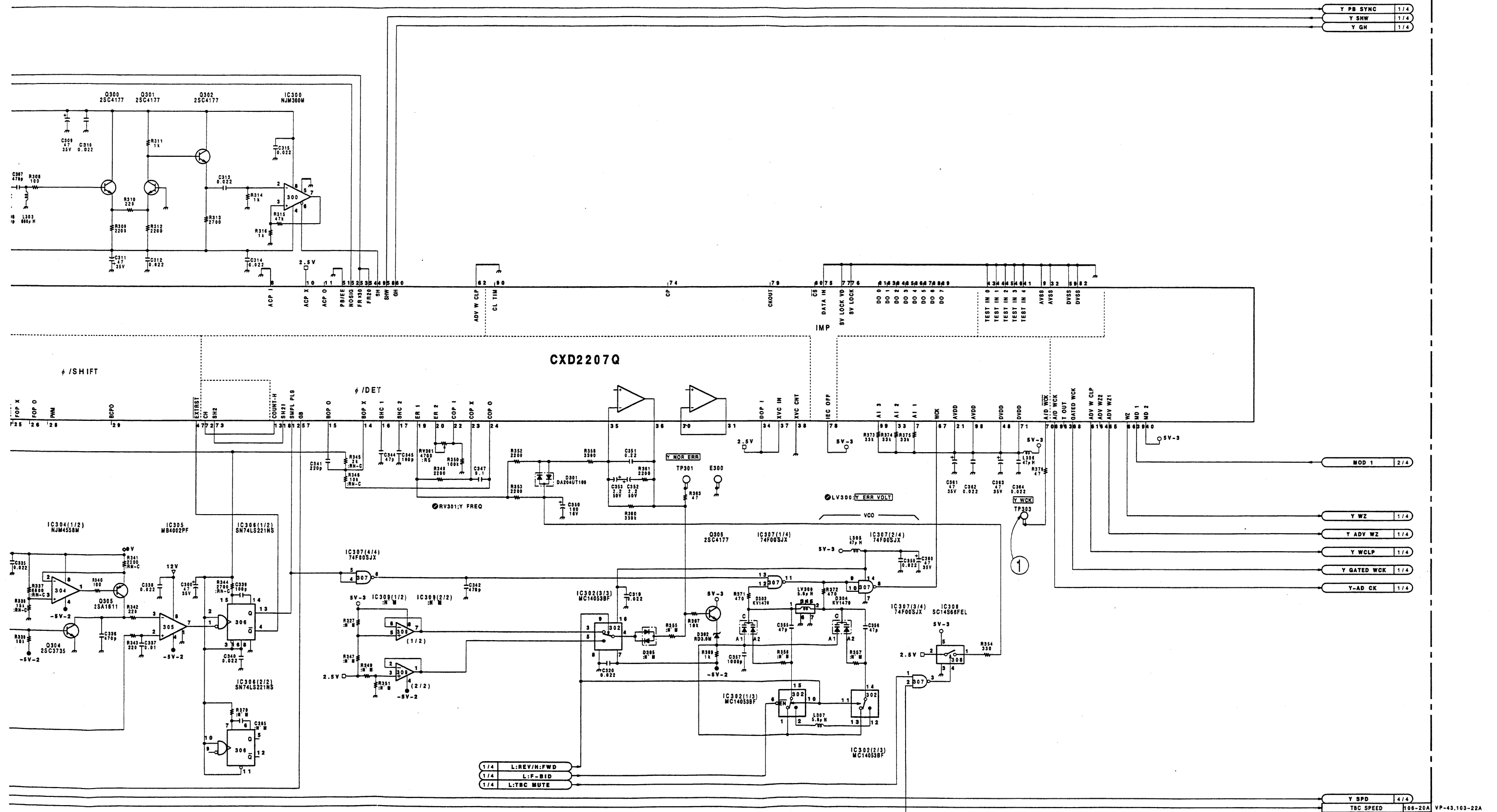
*: B SIDE

① TP303 PB



TBC-25(3/4);Y WRITE CLOCK





TBC-25 BOARD (3/4)

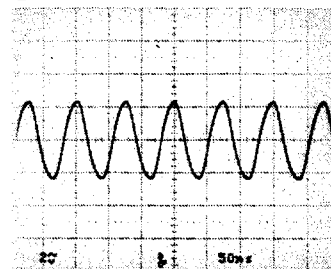
BOARD NO.1-648-901-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

TBC-25(1-648-901-11)

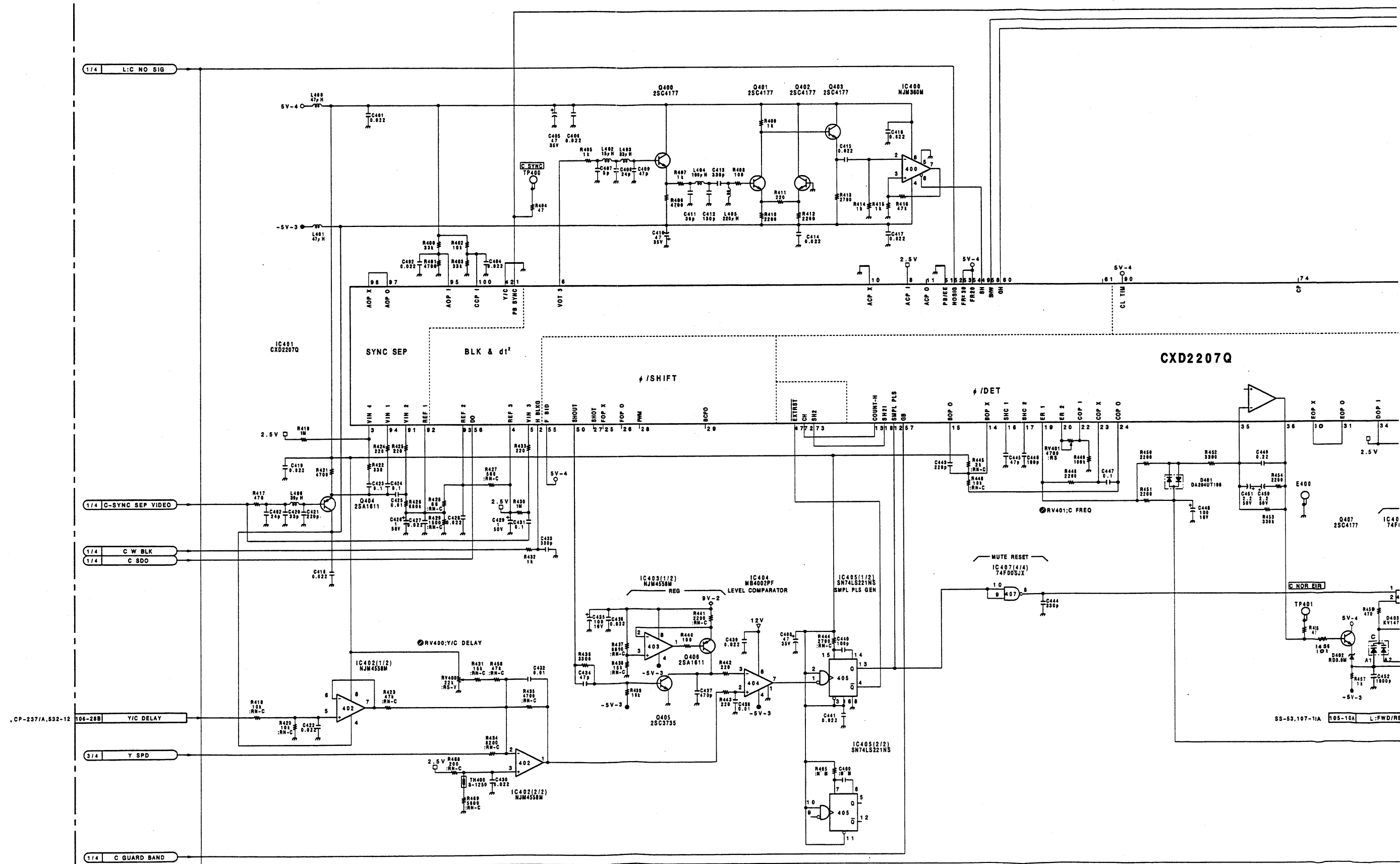
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN1 | E-1 | IC503 | J-2 | *Q303 | P-1 |
| CN2 | C-6 | IC504 | J-4 | *Q304 | N-2 |
| CN105 | N-6 | IC505 | H-2 | *Q305 | N-2 |
| CN106 | C-6 | IC506 | H-3 | *Q306 | R-2 |
| | | IC507 | G-6 | *Q400 | P-5 |
| CV700 | C-2 | IC508 | H-4 | *Q401 | P-5 |
| CV701 | C-2 | IC509 | G-3 | *Q402 | R-5 |
| | | IC510 | F-6 | *Q403 | P-5 |
| *D1 | M-2 | IC511 | H-1 | *Q404 | M-4 |
| *D2 | M-3 | IC512 | F-3 | *Q405 | R-4 |
| *D100 | M-3 | IC513 | F-4 | *Q406 | R-5 |
| *D101 | N-3 | IC514 | H-1 | *Q407 | N-4 |
| *D102 | R-3 | IC515 | G-2 | *Q500 | F-2 |
| *D200 | M-3 | IC516 | F-1 | *Q501 | F-1 |
| *D301 | N-2 | IC517 | G-1 | *Q502 | E-1 |
| *D302 | R-2 | IC518 | F-3 | *Q503 | D-1 |
| *D303 | R-2 | IC519 | E-2 | *Q700 | C-5 |
| *D304 | R-2 | IC520 | D-2 | *Q701 | C-4 |
| *D401 | P-4 | IC521 | G-1 | *Q702 | A-2 |
| *D402 | N-4 | IC522 | G-2 | *Q703 | C-1 |
| *D403 | M-4 | IC523 | F-4 | *Q704 | C-2 |
| *D404 | M-4 | IC524 | E-3 | *Q705 | C-2 |
| *D502 | K-2 | IC525 | E-3 | *Q706 | C-2 |
| *D503 | K-2 | IC526 | D-3 | *Q707 | C-5 |
| *D504 | G-1 | IF527 | D-3 | *Q708 | B-5 |
| *D505 | G-1 | IC528 | H-3 | *Q709 | D-5 |
| *D506 | M-5 | IC529 | F-2 | *Q710 | D-5 |
| *D701 | A-2 | IC530 | G-2 | *Q711 | D-5 |
| *D702 | C-2 | IC531 | G-2 | | |
| *D703 | C-2 | IC532 | G-2 | RV100 | R-3 |
| | | IC533 | G-1 | RV200 | R-3 |
| E200 | N-3 | IC534 | G-1 | RV300 | M-1 |
| E300 | M-1 | IC700 | A-2 | RV301 | N-1 |
| E400 | R-5 | IC701 | A-1 | RV400 | P-1 |
| E500 | D-1 | IC702 | A-2 | RV401 | P-5 |
| E501 | J-3 | IC703 | C-4 | RV500 | F-1 |
| E700 | E-4 | IC704 | A-2 | RV501 | F-1 |
| E701 | B-2 | IC705 | A-3 | RV502 | D-1 |
| | | IC706 | D-4 | RV700 | A-1 |
| FL500 | F-2 | IC707 | E-5 | RV701 | B-1 |
| FL501 | E-1 | IC708 | F-5 | RV702 | B-1 |
| FL502 | D-1 | IC709 | A-3 | RV703 | B-1 |
| | | IC710 | E-5 | | |
| IC1 | M-2 | IC711 | D-3 | S500 | J-1 |
| IC2 | M-3 | IC712 | C-3 | | |
| IC3 | L-1 | IC713 | C-3 | TH400 | R-5 |
| IC4 | L-4 | IC714 | A-4 | | |
| IC5 | E-6 | IC715 | D-2 | TP100 | R-3 |
| IC6 | L-1 | IC716 | A-3 | TP101 | N-3 |
| IC7 | L-5 | IC717 | A-5 | TP200 | R-3 |
| IC100 | P-3 | IC718 | B-2 | TP201 | N-3 |
| IC101 | P-3 | IC719 | B-2 | TP300 | R-1 |
| IC102 | M-3 | IC720 | B-3 | TP301 | P-2 |
| IC103 | M-2 | IC721 | B-2 | TP303 | P-2 |
| IC200 | P-3 | IC722 | B-4 | TP400 | M-5 |
| IC203 | M-3 | IC723 | C-5 | TP401 | N-4 |
| IC300 | P-1 | IC724 | B-5 | TP402 | N-4 |
| IC301 | P-2 | IC725 | D-5 | TP500 | E-1 |
| IC302 | R-1 | IC726 | F-4 | TP501 | E-1 |
| IC303 | M-1 | IC727 | E-4 | TP502 | D-1 |
| IC304 | M-2 | | | TP700 | C-5 |
| IC305 | N-2 | LV300 | R-2 | TP701 | C-4 |
| IC306 | M-2 | LV400 | M-4 | TP702 | C-1 |
| IC307 | R-2 | | | TP703 | C-3 |
| IC308 | R-2 | *Q100 | R-3 | TP704 | C-1 |
| IC400 | R-5 | *Q101 | R-3 | | |
| IC401 | N-5 | *Q102 | P-3 | X700 | C-2 |
| IC402 | R-5 | *Q103 | P-3 | X701 | C-2 |
| IC403 | R-5 | *Q104 | R-3 | | |
| IC404 | R-4 | *Q200 | R-3 | | |
| IC405 | R-4 | *Q201 | R-3 | | |
| IC406 | M-5 | *Q202 | P-3 | | |
| IC407 | N-4 | *Q203 | P-3 | | |
| IC408 | M-4 | *Q300 | P-1 | | |
| IC501 | L-2 | *Q301 | P-1 | | |
| IC502 | L-4 | *Q302 | P-1 | | |

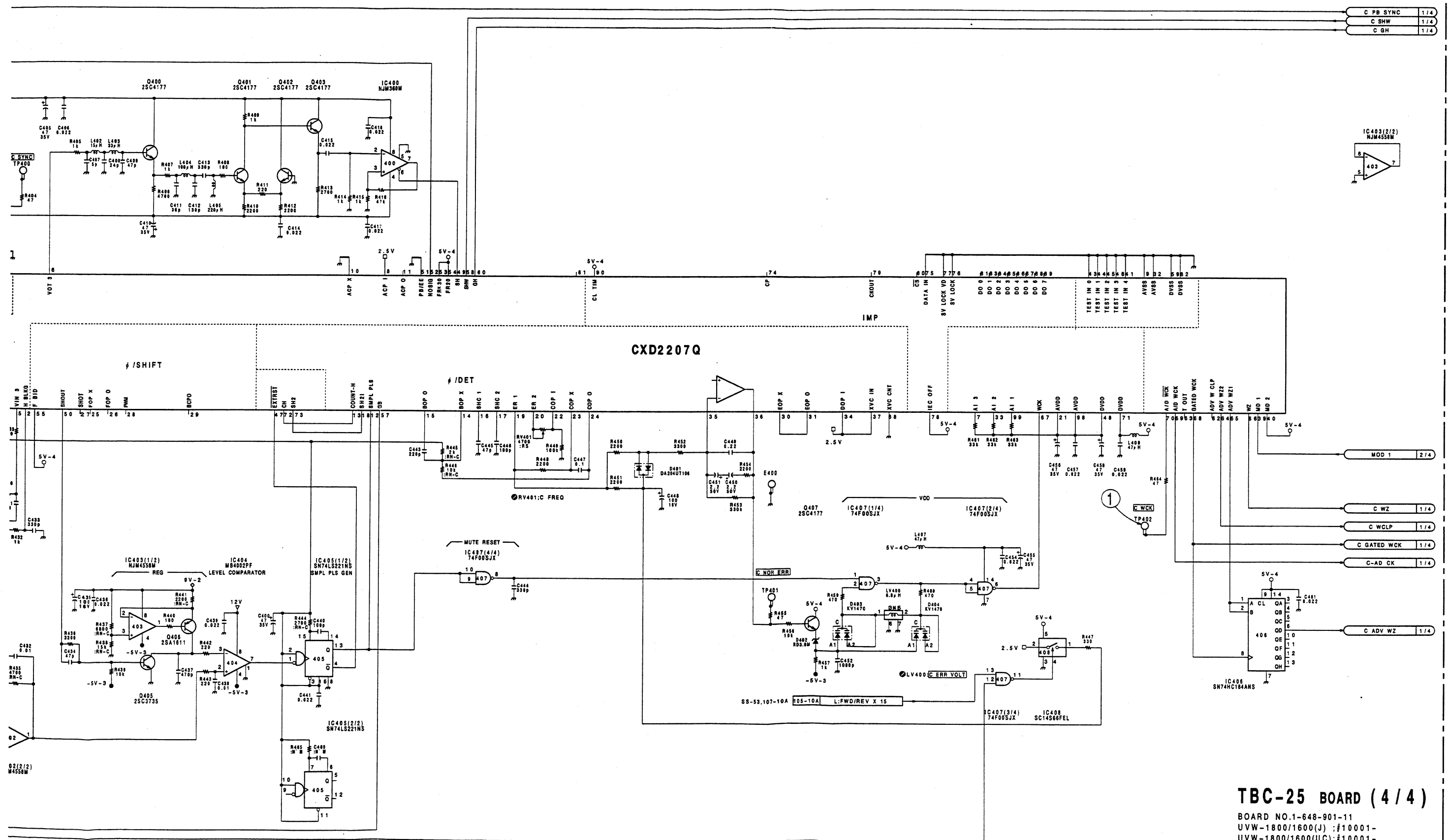
*: B SIDE

① TP402 PB



TBC-25(4/4);C WRITE CLOCK





TBC-25 BOARD (4 / 4)

BOARD NO.1-648-901-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

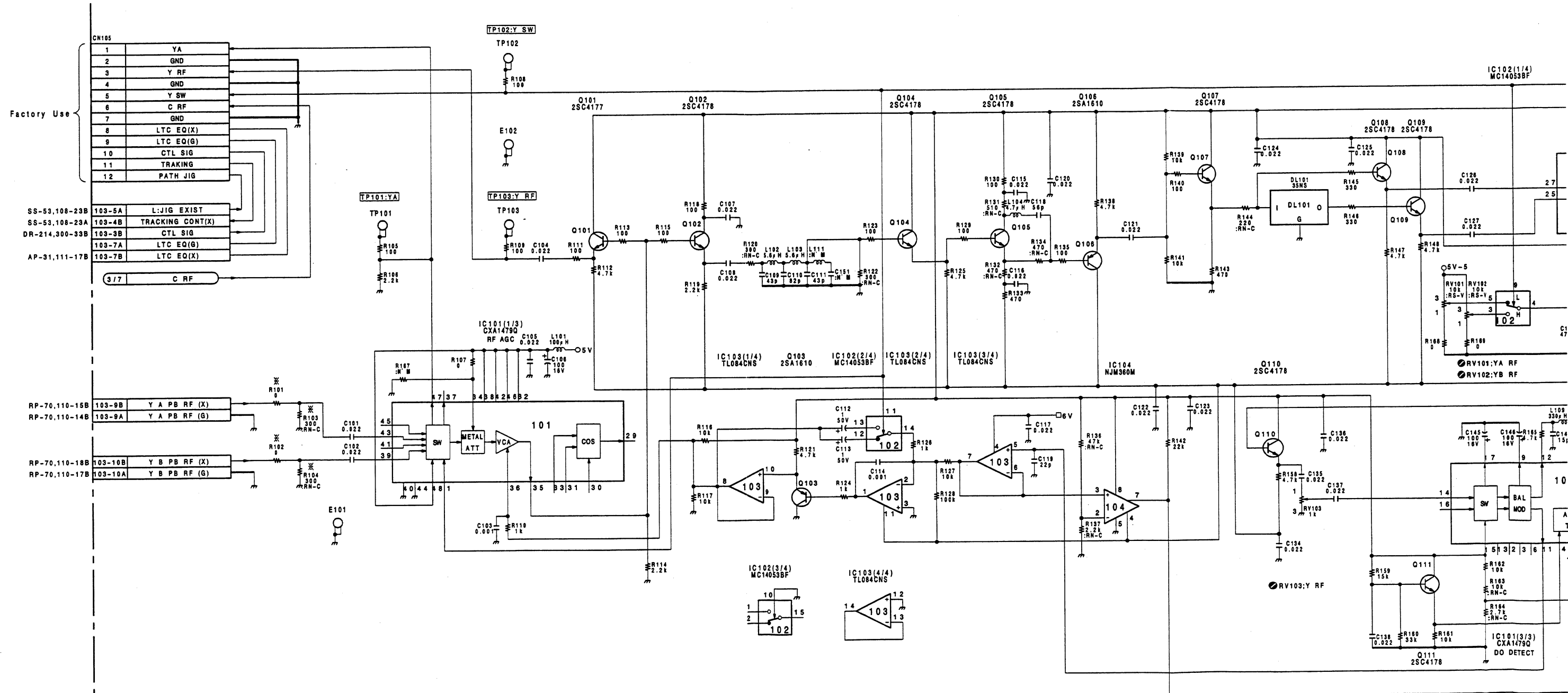
VP-43/43A(1-648-899-11)

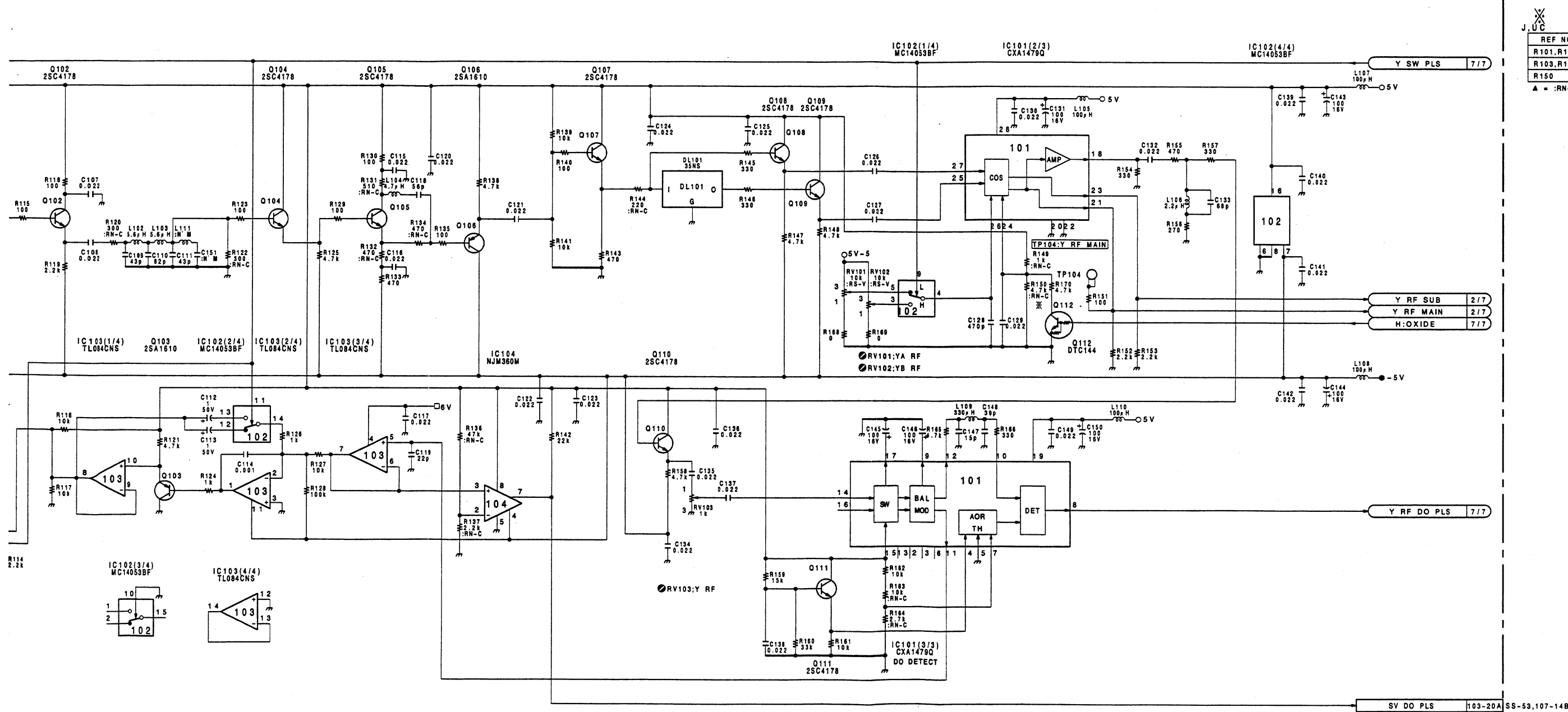
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE

_: UVW-1800 ONLY

VP-43/A(1/7);Y RF AGC/EQ,Y DO DET.





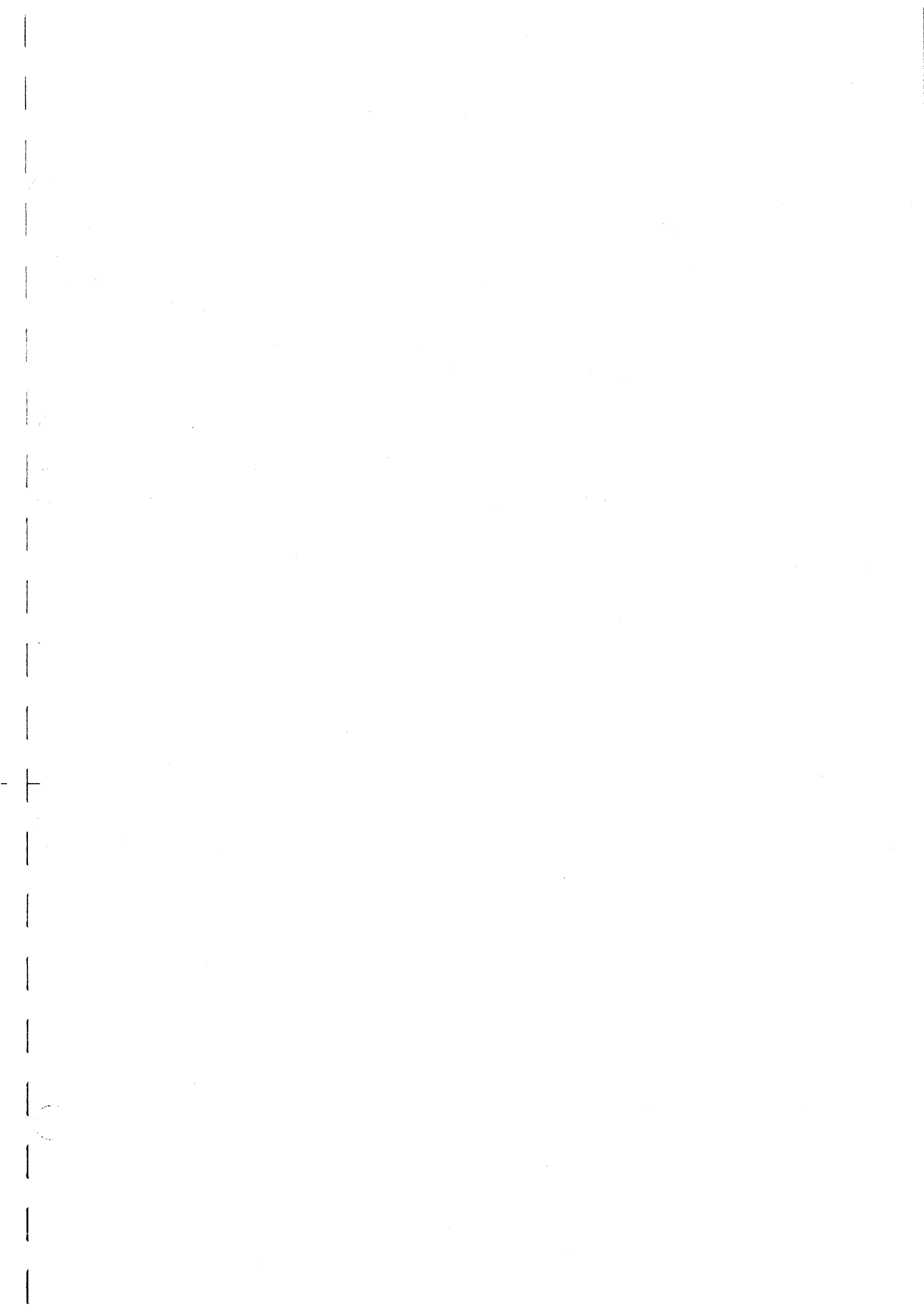
X
J. U C

| REF NO. | EDITOR | FEEDER |
|-----------|--------|--------|
| R101,R102 | 0 | ▲100 |
| R103,R104 | ▲300 | ▲200 |
| R150 | ▲10K | ▲10K |

▲ = :RN-C

VP-43/A BOARD (1 / 7)

BOARD NO.1-648-899-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

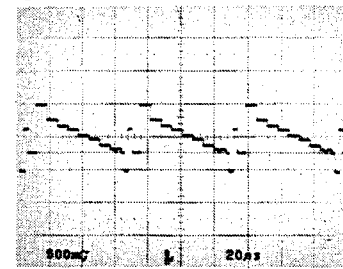


VP-43/43A(1-648-899-11)

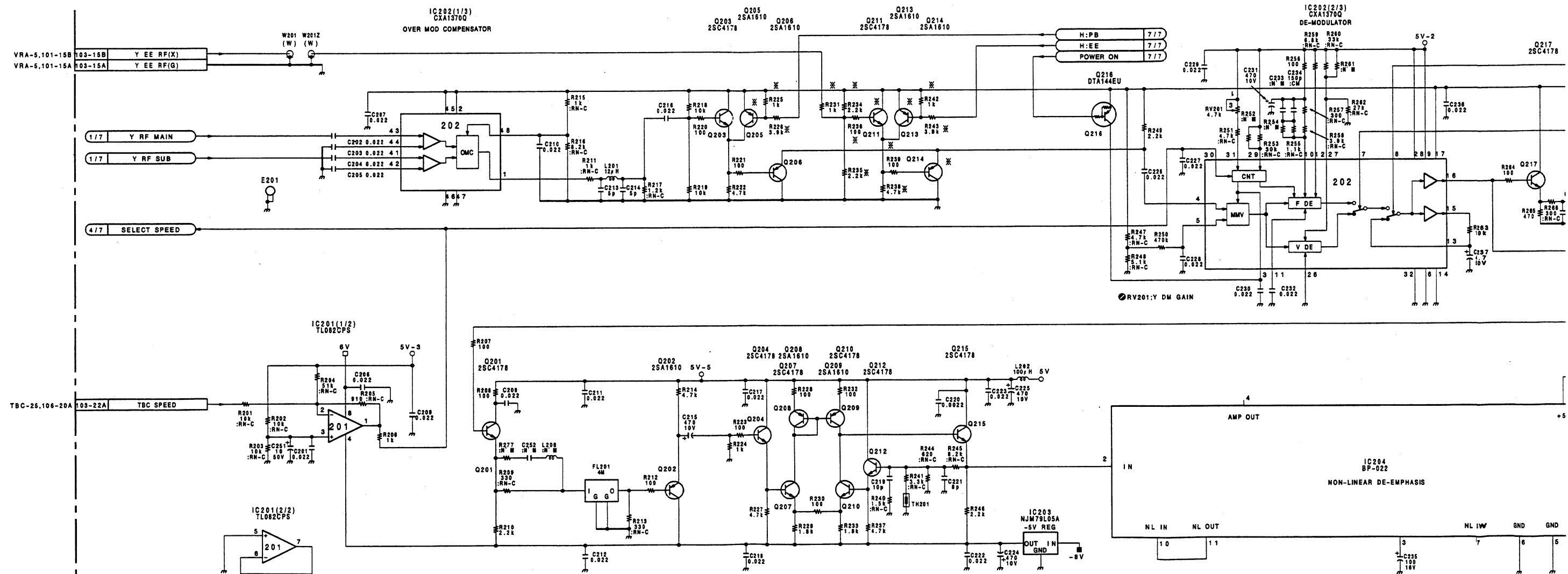
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

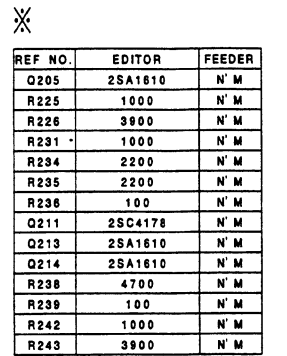
*: B SIDE
—: UVW-1800 ONLY

① TP201 PB

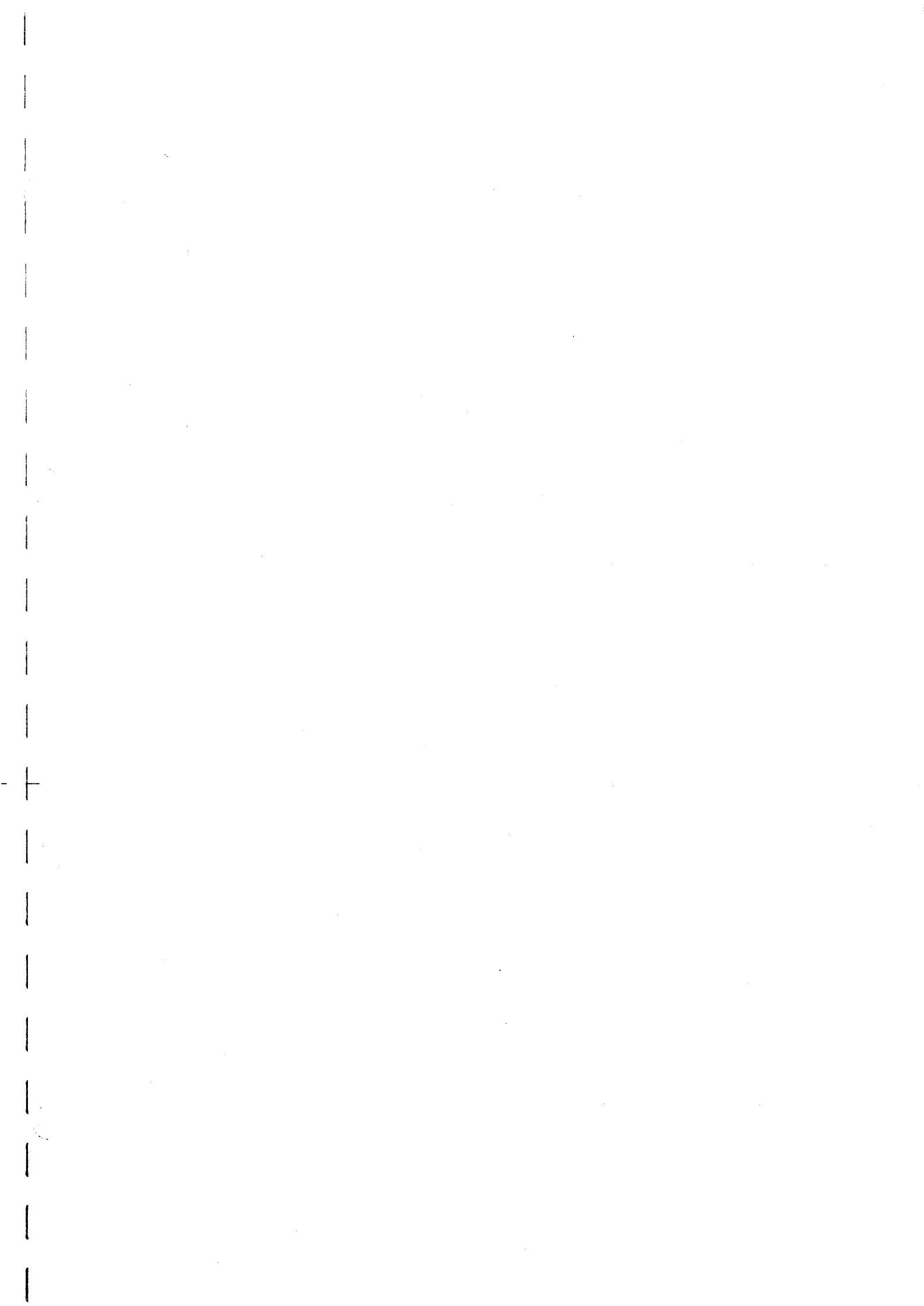


VP-43/A(2/7);Y OMC,Y DEM,Y NL DE-EMPH.





BOARD NO.1-648-899-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-



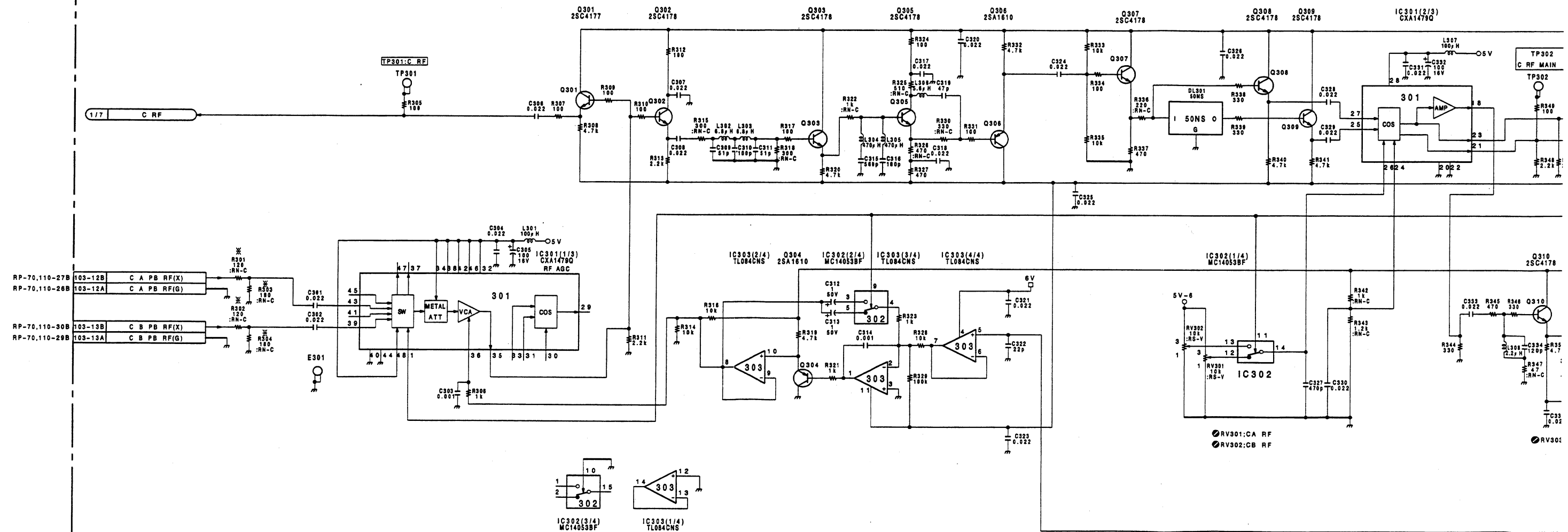
VP-43/43A(1-648-899-11)

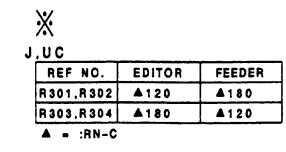
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE

_: UVW-1800 ONLY

VP-43/A(3/7);C RF AGC/EQ,C DO DET.





BOARD NO.1-648-899-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

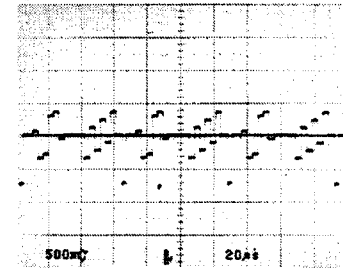


VP-43/43A(1-648-899-11)

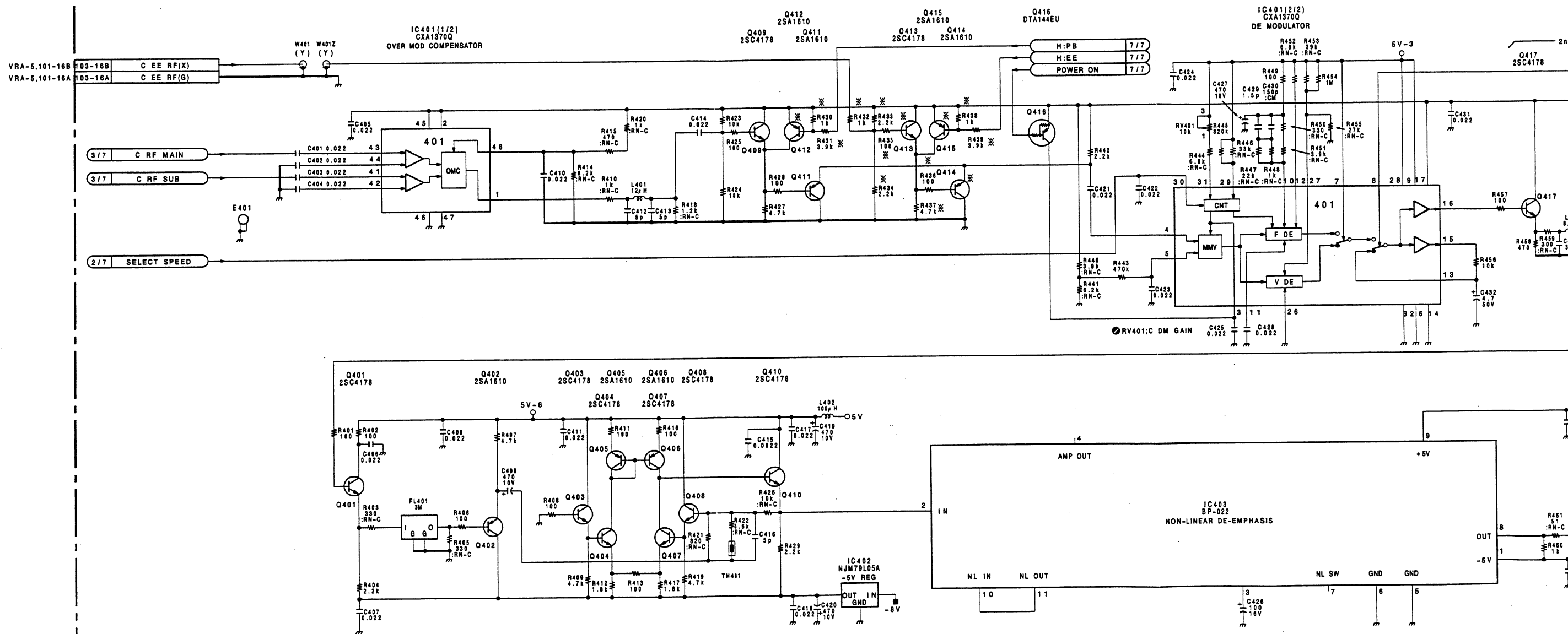
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

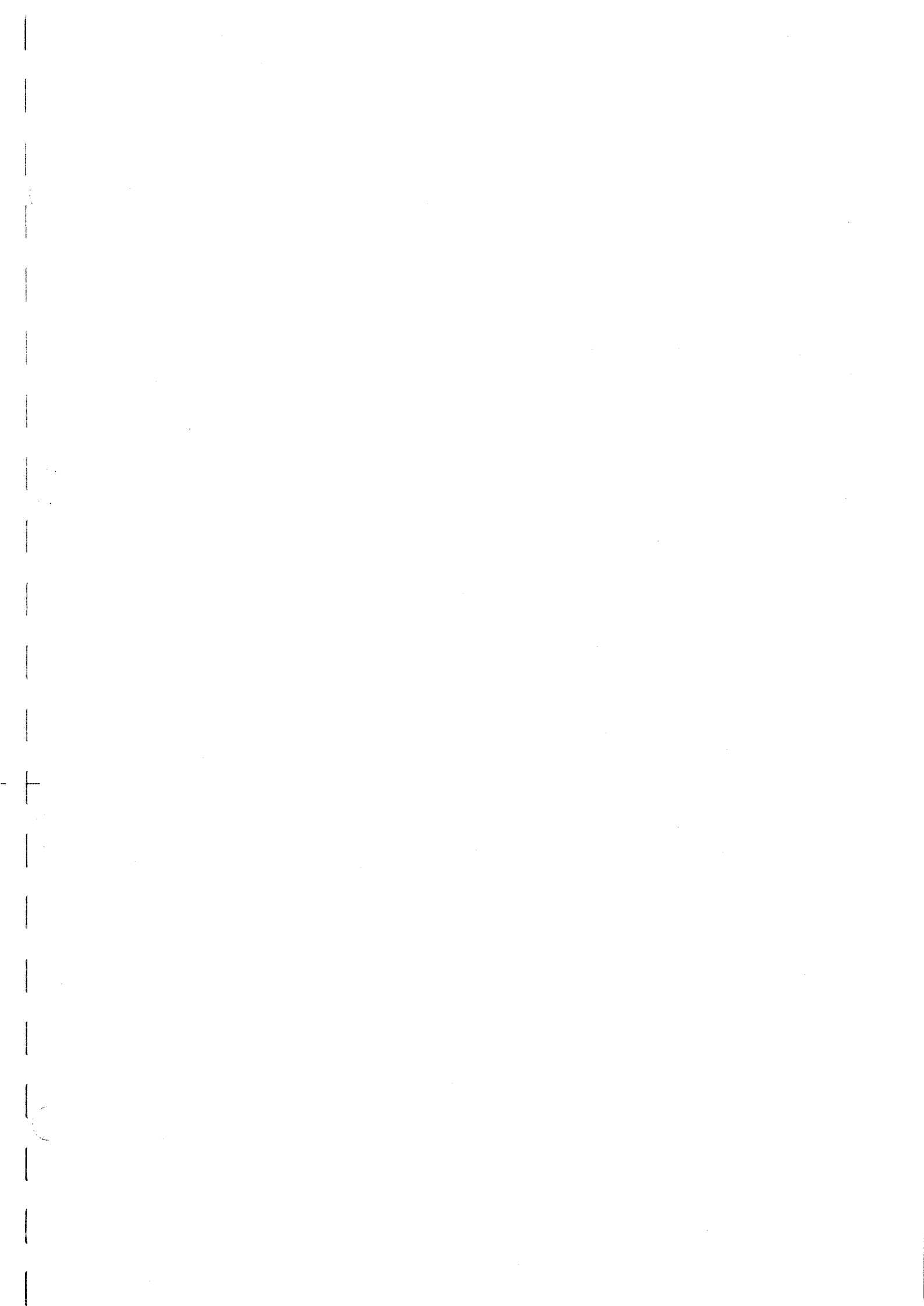
*: B SIDE
_: UVW-1800 ONLY

① TP401 PB



VP-43/A(4/7);C OMC,C DEM,C NL DE-EMPH.





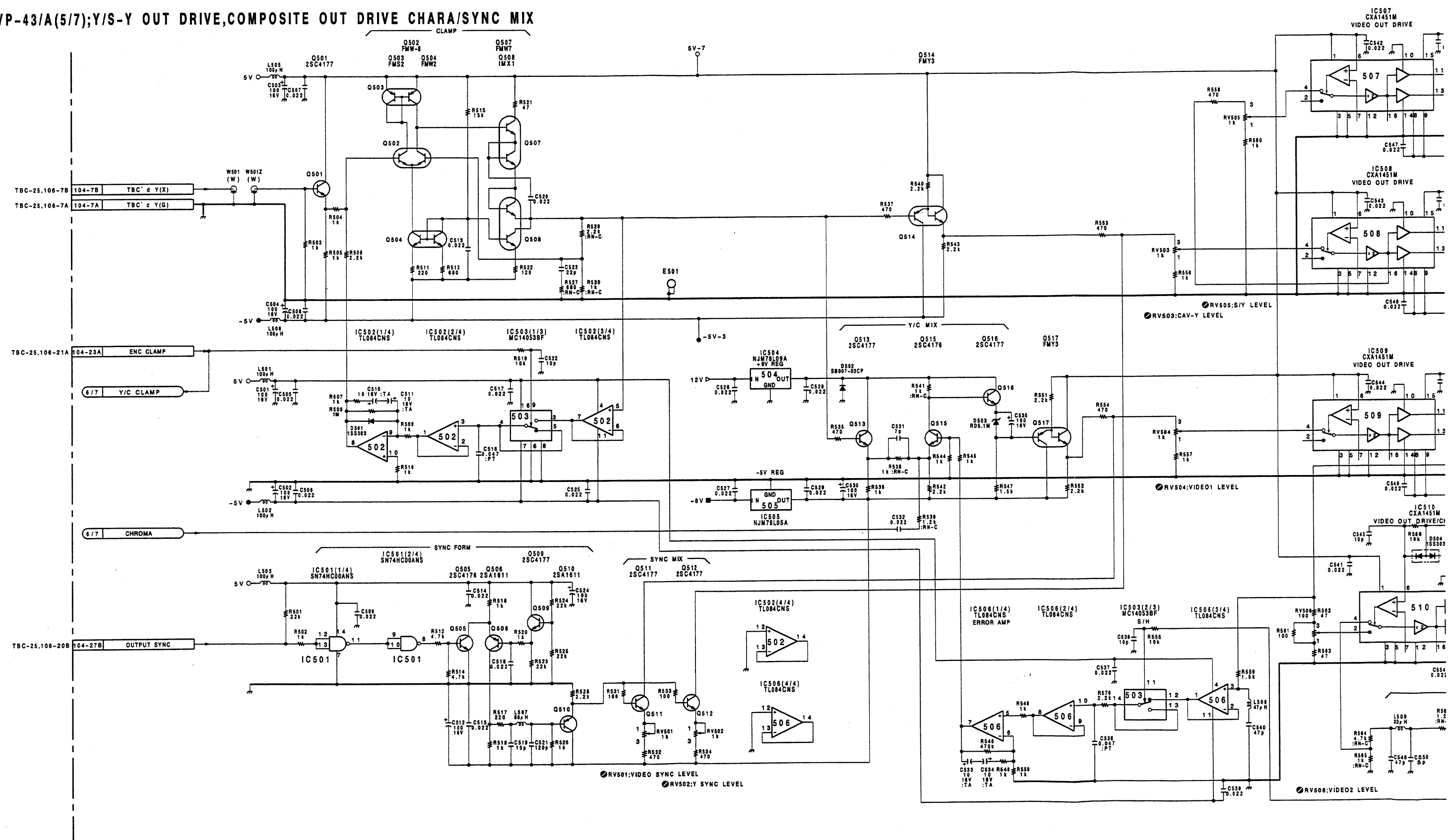
VP-43/43A(1-648-899-11)

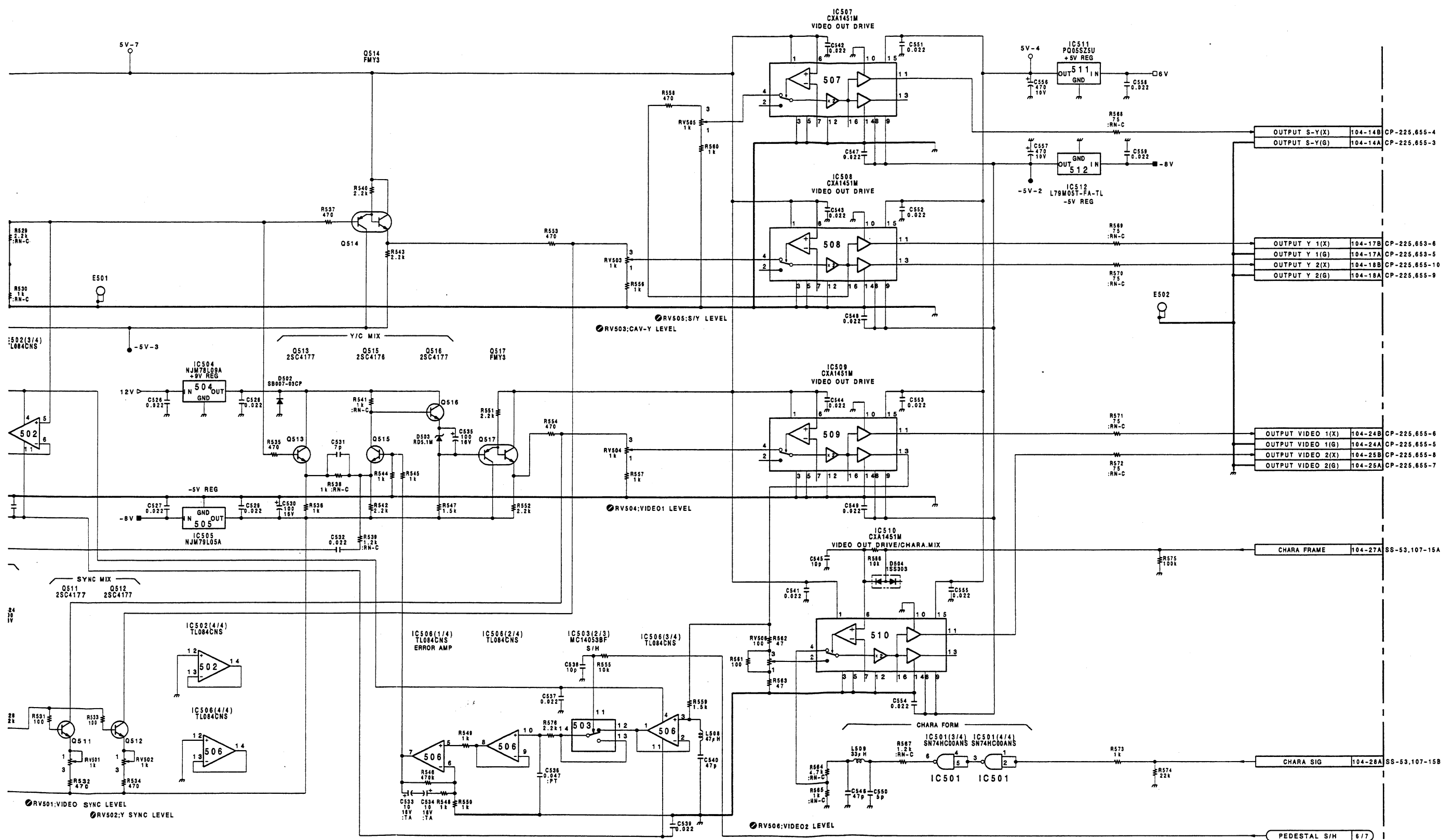
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE

_: UVW-1800 ONLY

VP-43/A(5/7);Y/S-Y OUT DRIVE,COMPOSITE OUT DRIVE CHA/ SYNC MIX





VP-43/A BOARD (5 / 7)

BOARD NO.1-648-899-11
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

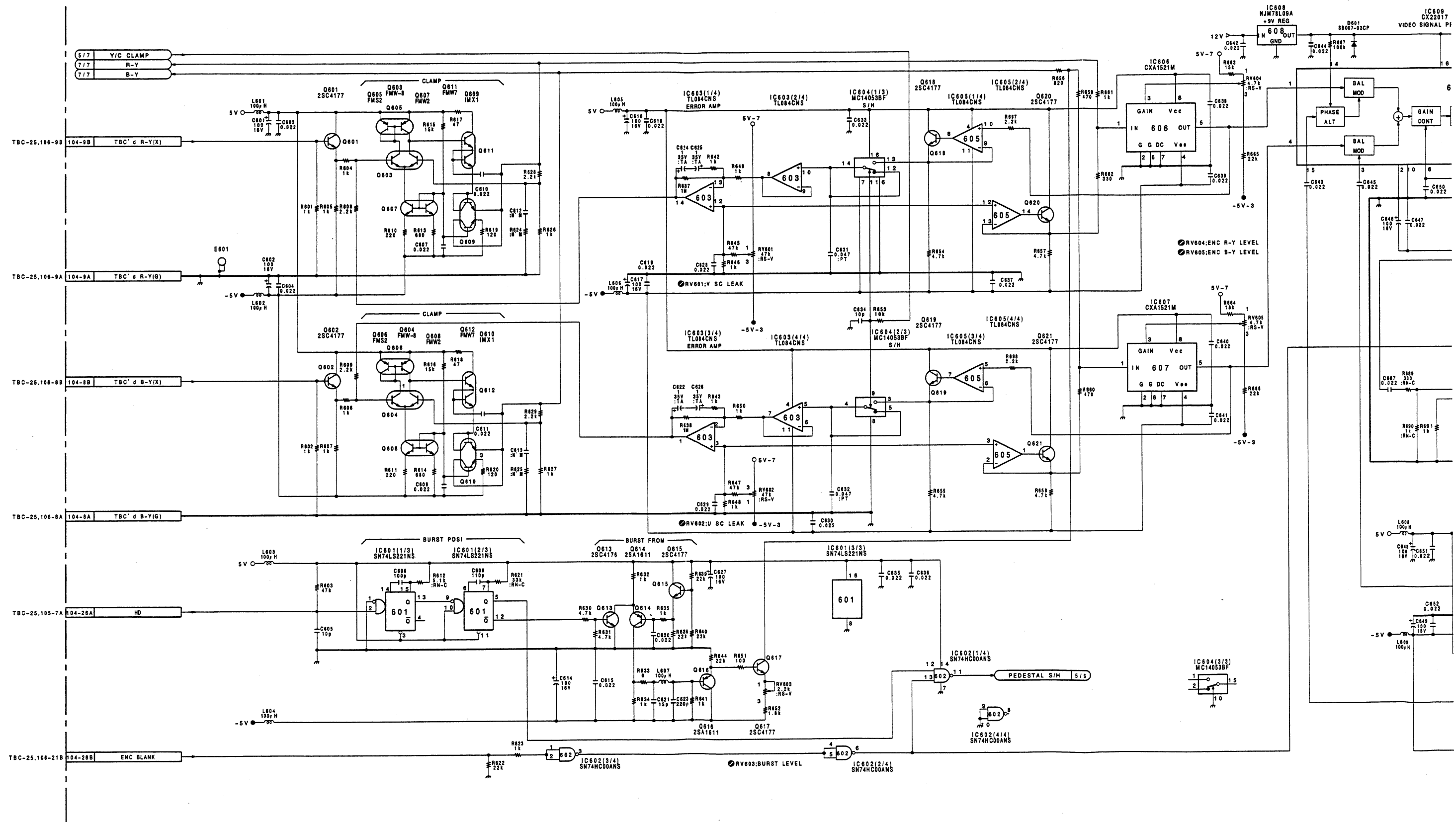
VP-43/43A(1-648-899-11)

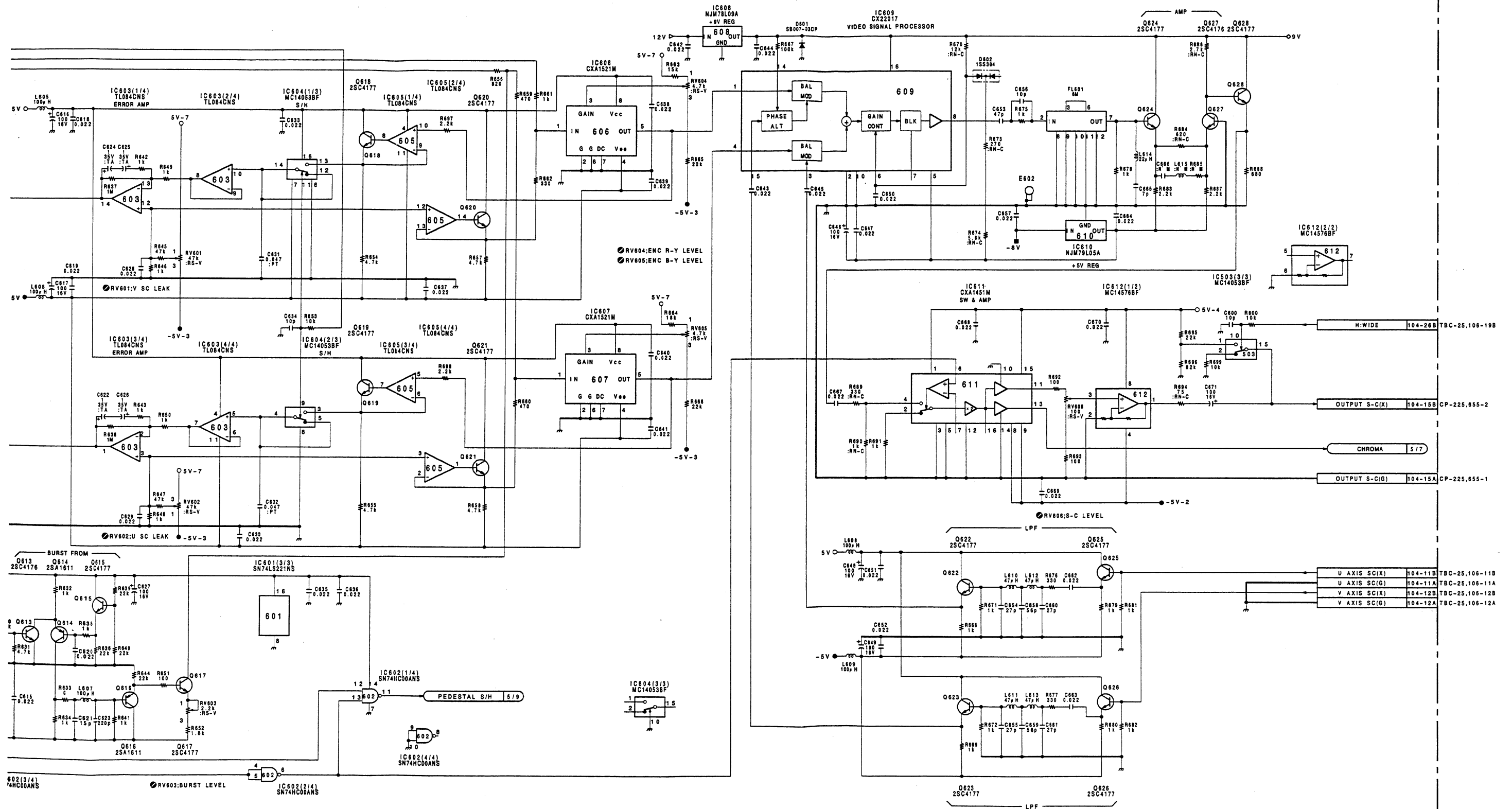
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE

_: UVW-1800 ONLY

VP-43/A(6/7);ENCODE,S-C OUT DRIVE





VP-43/A BOARD (6/7)

BOARD NO.1-648-899-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

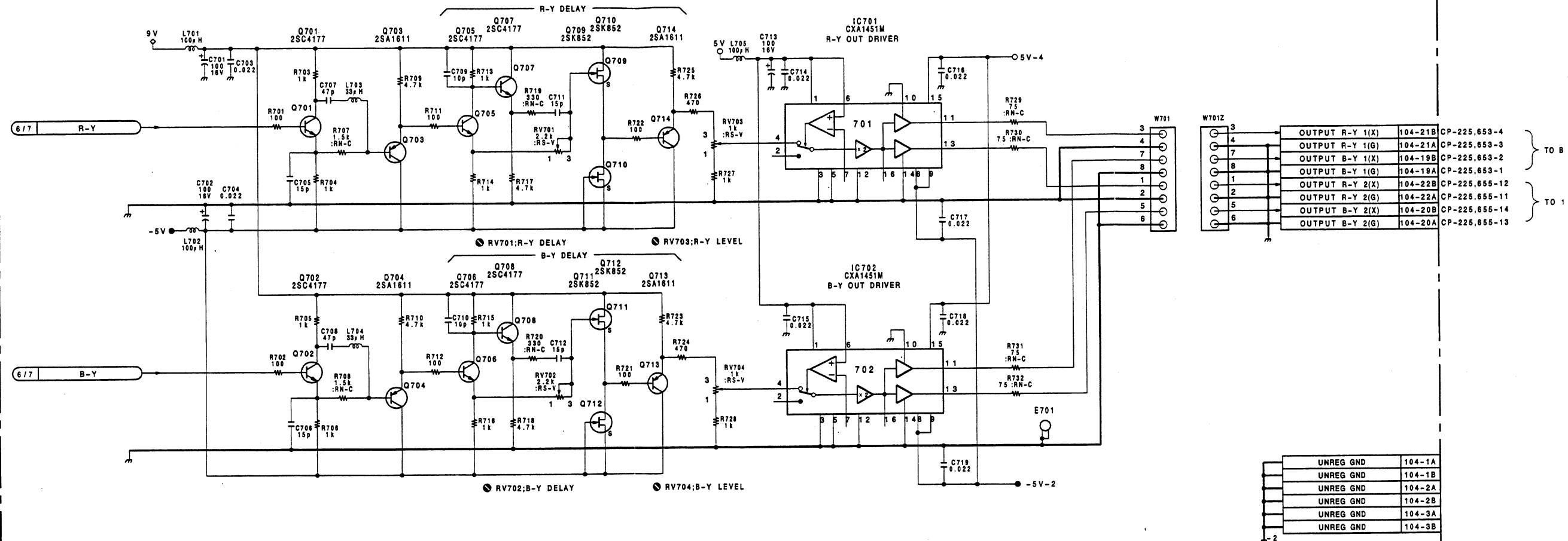
VP-43/43A(1-648-899-11)

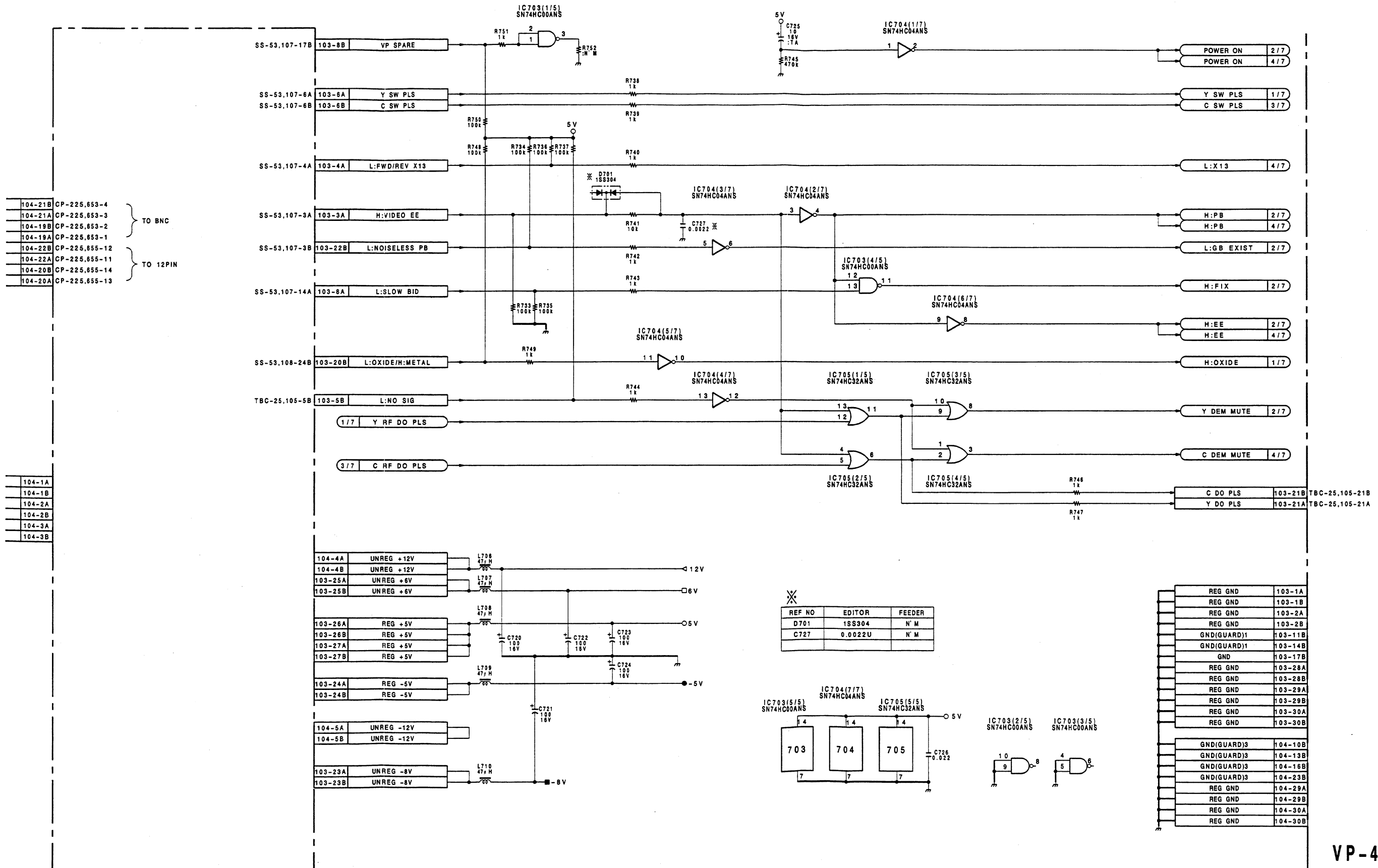
| | | | | | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|
| CN103 | N-6 | IC705 | R-4 | Q514 | B-3 | TP102 | P-1 |
| CN104 | C-6 | | | *Q515 | B-2 | TP103 | L-1 |
| CN105 | R-5 | *Q101 | N-5 | *Q516 | B-2 | TP104 | P-3 |
| | | *Q102 | N-4 | Q517 | B-3 | TP201 | P-1 |
| DL101 | N-4 | *Q103 | N-5 | *Q601 | F-5 | TP301 | H-1 |
| DL301 | J-4 | *Q104 | N-4 | *Q602 | F-5 | TP302 | J-3 |
| | | *Q105 | N-4 | Q603 | E-5 | TP401 | L-1 |
| *D201 | N-2 | *Q106 | N-3 | Q604 | F-5 | | |
| *D401 | J-2 | *Q107 | N-3 | Q605 | F-5 | | |
| *D501 | A-2 | *Q108 | N-4 | Q606 | F-5 | | |
| *D502 | B-2 | *Q109 | N-4 | Q607 | E-5 | | |
| *D503 | B-3 | *Q110 | P-4 | Q608 | F-5 | | |
| *D504 | B-4 | *Q111 | P-5 | Q609 | E-4 | | |
| *D601 | D-2 | *Q112 | P-5 | Q610 | F-4 | | |
| *D602 | E-2 | *Q201 | M-2 | Q611 | F-5 | | |
| *D701 | R-4 | *Q202 | N-1 | Q612 | F-5 | | |
| | | *Q203 | P-2 | *Q613 | D-4 | | |
| E101 | P-6 | *Q204 | N-2 | *Q614 | D-3 | | |
| E102 | N-1 | *Q205 | P-2 | *Q615 | D-3 | | |
| E201 | R-1 | *Q206 | P-2 | *Q616 | C-3 | | |
| E301 | K-5 | *Q207 | N-2 | *Q617 | C-3 | | |
| E401 | G-2 | *Q208 | N-1 | *Q618 | F-2 | | |
| E501 | B-2 | *Q209 | N-1 | *Q619 | F-2 | | |
| E502 | B-6 | *Q210 | N-1 | *Q620 | F-3 | | |
| E601 | E-4 | *Q211 | P-2 | *Q621 | F-3 | | |
| E602 | D-1 | *Q212 | P-1 | *Q622 | E-3 | | |
| E701 | F-2 | *Q213 | R-2 | *Q623 | D-3 | | |
| | | *Q214 | R-2 | *Q624 | D-1 | | |
| FL201 | M-1 | *Q215 | P-1 | *Q625 | E-4 | | |
| FL401 | H-1 | *Q216 | N-2 | *Q626 | D-4 | | |
| FL601 | E-2 | *Q217 | M-2 | *Q627 | D-1 | | |
| | | *Q218 | M-2 | *Q628 | D-1 | | |
| IC101 | P-4 | *Q219 | M-2 | *Q701 | E-2 | | |
| IC102 | M-5 | *Q220 | M-2 | *Q702 | F-2 | | |
| IC103 | N-5 | *Q301 | J-4 | *Q703 | E-2 | | |
| IC104 | L-5 | *Q302 | J-4 | *Q704 | F-2 | | |
| IC201 | L-3 | *Q303 | H-4 | *Q705 | E-2 | | |
| IC202 | M-2 | *Q304 | H-5 | *Q706 | F-2 | | |
| IC203 | M-1 | *Q305 | H-4 | *Q707 | E-1 | | |
| IC204 | P-1 | *Q306 | H-3 | *Q708 | F-1 | | |
| IC205 | L-2 | *Q307 | J-3 | *Q709 | F-2 | | |
| IC301 | K-4 | *Q308 | J-4 | *Q710 | F-1 | | |
| IC302 | G-5 | *Q309 | J-4 | *Q711 | F-2 | | |
| IC303 | H-5 | *Q310 | K-3 | *Q712 | F-2 | | |
| IC401 | H-2 | *Q311 | K-5 | *Q713 | F-1 | | |
| IC402 | H-1 | *Q401 | H-2 | *Q714 | E-1 | | |
| IC403 | K-1 | *Q402 | J-1 | | | | |
| IC404 | G-2 | *Q403 | J-1 | RV101 | L-1 | | |
| IC501 | A-5 | *Q404 | J-2 | RV102 | K-1 | | |
| IC502 | A-2 | *Q405 | J-1 | RV103 | P-4 | | |
| IC503 | A-2 | *Q406 | J-1 | RV201 | M-3 | | |
| IC504 | B-2 | *Q407 | J-1 | RV301 | J-1 | | |
| IC505 | B-2 | *Q408 | J-1 | RV302 | H-1 | | |
| IC506 | A-3 | *Q409 | J-2 | RV303 | K-4 | | |
| IC507 | B-5 | *Q410 | J-1 | RV401 | H-3 | | |
| IC508 | C-4 | *Q411 | J-2 | RV501 | A-4 | | |
| IC509 | B-5 | *Q412 | J-2 | RV502 | A-4 | | |
| IC510 | B-4 | *Q413 | K-2 | RV503 | B-4 | | |
| IC511 | J-6 | *Q414 | K-2 | RV504 | B-4 | | |
| IC512 | G-6 | *Q415 | K-2 | RV505 | B-4 | | |
| IC601 | D-4 | *Q416 | J-2 | RV506 | B-4 | | |
| IC602 | D-4 | *Q417 | H-2 | RV601 | D-1 | | |
| IC603 | F-4 | *Q418 | H-2 | RV602 | F-1 | | |
| IC604 | F-3 | *Q501 | A-1 | RV603 | D-1 | | |
| IC605 | F-3 | Q502 | A-1 | RV604 | D-1 | | |
| IC606 | E-3 | Q503 | A-1 | RV605 | F-1 | | |
| IC607 | F-3 | Q504 | A-1 | RV606 | C-1 | | |
| IC608 | D-2 | *Q505 | A-5 | RV701 | E-1 | | |
| IC609 | E-2 | *Q506 | A-4 | RV702 | E-1 | | |
| IC610 | D-2 | Q507 | B-1 | RV703 | E-1 | | |
| IC611 | D-2 | Q508 | B-1 | RV704 | G-1 | | |
| IC612 | C-2 | *Q509 | A-4 | | | | |
| IC701 | F-1 | *Q510 | A-4 | TH201 | P-2 | | |
| IC702 | F-1 | *Q511 | A-4 | TH401 | J-2 | | |
| IC703 | R-4 | *Q512 | A-4 | | | | |
| IC704 | R-4 | *Q513 | B-2 | TP101 | L-2 | | |

*: B SIDE

—: UVW-1800 ONLY

VP-43/A(7/7);R-Y/B-Y OUT DRIVE



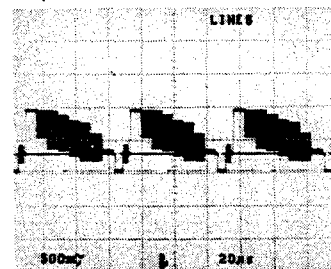


VRA-5(1-648-898-11)

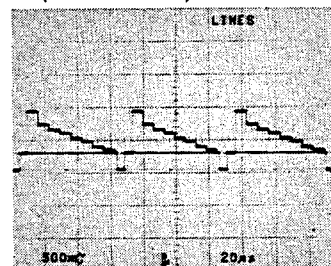
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| E101 | B-4 | *Q108 | A-1 | *Q605 | M-4 |
| E201 | E-2 | *Q109 | B-2 | *Q606 | L-4 |
| E301 | K-3 | *Q110 | B-2 | *Q607 | M-4 |
| E302 | D-3 | *Q111 | B-1 | *Q608 | L-4 |
| E303 | H-1 | *Q112 | C-1 | *Q609 | M-5 |
| E501 | R-5 | *Q113 | C-2 | *Q610 | M-5 |
| E502 | N-1 | *Q114 | B-4 | Q801 | A-2 |
| E601 | M-1 | *Q115 | B-4 | Q802 | A-2 |
| | | *Q116 | B-3 | Q803 | A-2 |
| FB201 | K-2 | *Q117 | B-3 | Q804 | D-3 |
| | | *Q118 | B-3 | | |
| FL101 | A-2 | *Q119 | B-3 | RV101 | B-2 |
| FL102 | B-3 | *Q120 | B-2 | RV102 | B-3 |
| FL103 | C-3 | *Q121 | C-4 | RV103 | C-4 |
| FL201 | R-2 | *Q122 | C-4 | RV104 | C-3 |
| FL202 | N-2 | *Q123 | C-4 | RV105 | A-2 |
| | | *Q124 | C-3 | RV201 | P-1 |
| IC101 | A-3 | *Q125 | C-3 | RV202 | N-1 |
| IC102 | C-2 | *Q126 | C-3 | RV203 | M-1 |
| IC103 | D-4 | *Q127 | C-3 | RV301 | E-3 |
| IC104 | G-5 | *Q128 | C-3 | RV302 | K-1 |
| IC201 | A-1 | *Q129 | C-2 | RV303 | L-1 |
| IC202 | B-1 | *Q130 | C-2 | RV304 | L-1 |
| IC205 | D-2 | *Q131 | B-5 | RV305 | L-1 |
| IC206 | D-1 | *Q132 | C-5 | RV306 | K-5 |
| IC207 | H-1 | *Q133 | A-2 | RV501 | R-1 |
| IC208 | E-2 | *Q201 | C-1 | RV502 | R-4 |
| IC209 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC210 | G-2 | *Q203 | H-4 | RV602 | M-4 |
| IC211 | H-1 | *Q204 | P-2 | RV603 | M-4 |
| IC212 | J-2 | *Q207 | R-2 | | |
| IC213 | P-1 | *Q209 | N-2 | S201 | H-4 |
| IC214 | N-1 | *Q210 | R-2 | | |
| IC215 | P-2 | *Q211 | K-2 | TH201 | M-1 |
| IC216 | K-2 | *Q212 | R-1 | | |
| IC217 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC218 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC219 | J-1 | *Q303 | E-3 | TP202 | C-1 |
| IC220 | M-1 | *Q305 | E-3 | TP301 | E-3 |
| IC301 | E-4 | *Q306 | E-3 | TP302 | E-4 |
| IC302 | H-3 | *Q307 | E-3 | TP303 | H-1 |
| IC303 | E-4 | *Q308 | J-4 | TP304 | L-5 |
| IC304 | E-5 | *Q309 | J-4 | TP305 | K-4 |
| IC305 | F-4 | *Q310 | F-3 | TP306 | J-4 |
| IC306 | K-4 | *Q311 | F-3 | TP307 | J-5 |
| IC307 | F-3 | *Q312 | K-3 | TP308 | N-5 |
| IC308 | J-3 | *Q313 | E-4 | TP309 | N-5 |
| IC309 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC310 | G-3 | *Q315 | J-3 | TP501 | R-4 |
| IC311 | J-4 | *Q316 | F-5 | TP502 | P-1 |
| IC312 | L-2 | *Q317 | F-5 | TP503 | P-5 |
| IC313 | G-5 | *Q318 | E-5 | TP504 | N-4 |
| IC314 | L-1 | *Q319 | K-3 | TP601 | N-4 |
| IC315 | K-5 | *Q320 | J-3 | TP602 | M-1 |
| IC316 | H-4 | *Q321 | J-4 | TP603 | P-5 |
| IC317 | F-4 | *Q322 | J-4 | | |
| IC501 | P-4 | *Q323 | J-4 | X301 | F-4 |
| IC502 | R-5 | *Q324 | F-4 | X302 | H-4 |
| IC601 | L-4 | *Q325 | F-4 | | |
| IC602 | M-4 | *Q508 | N-2 | | |
| IC801 | D-3 | *Q509 | P-2 | | |
| IC802 | D-2 | *Q510 | R-4 | | |

*: B SIDE

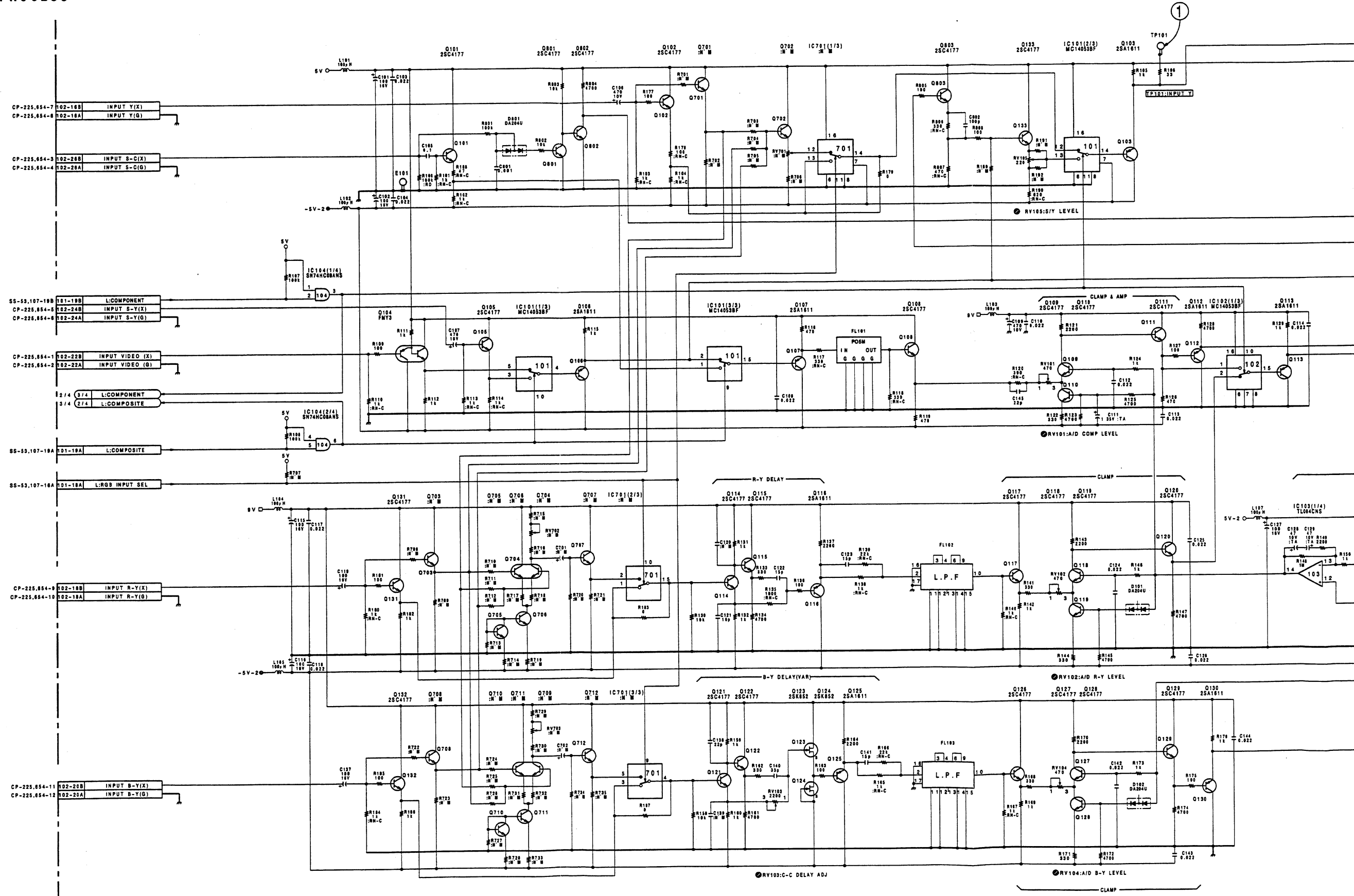
① TP101 REC/EE
(COMPOSITE)

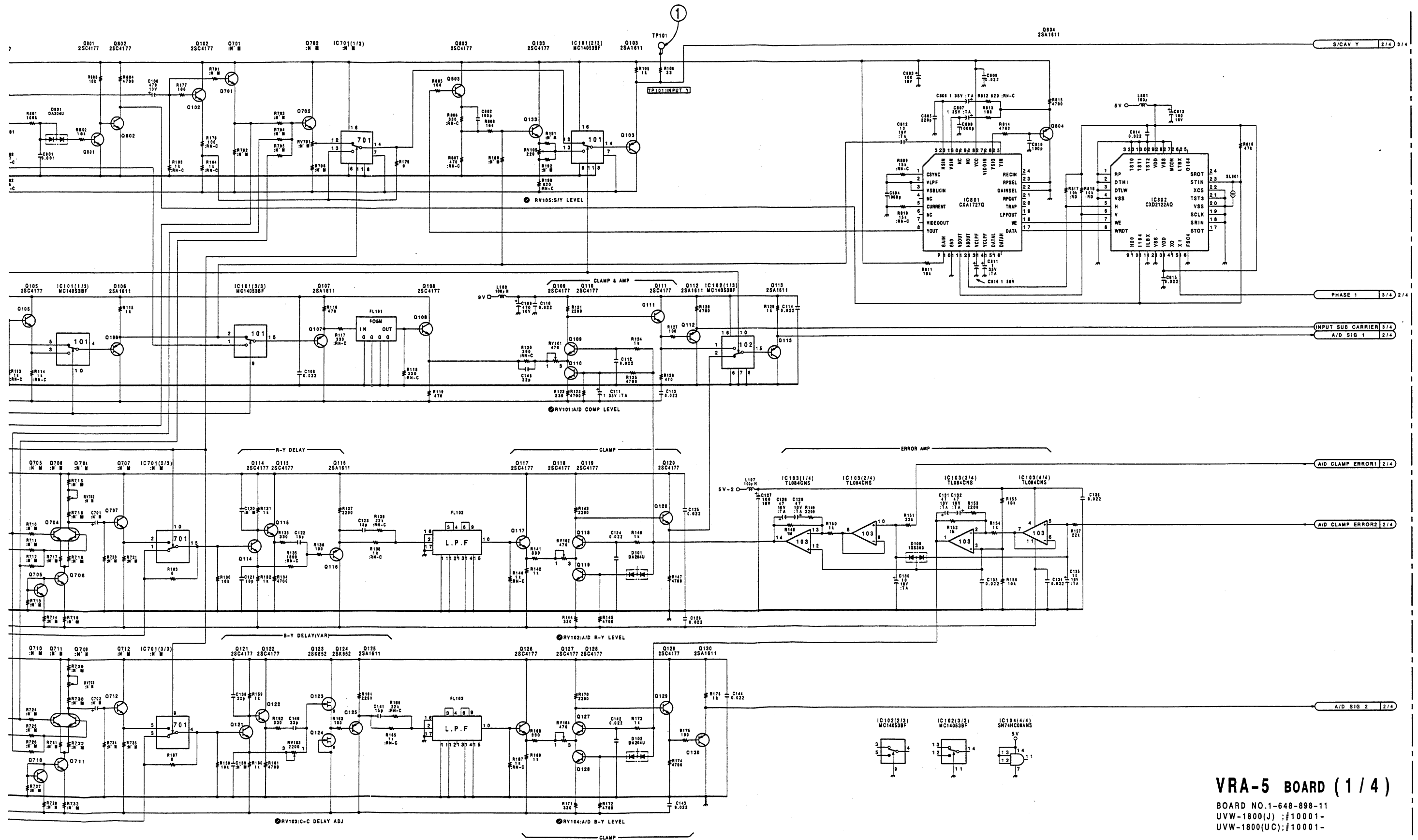


① TP101 REC/EE
(COMPONENT)



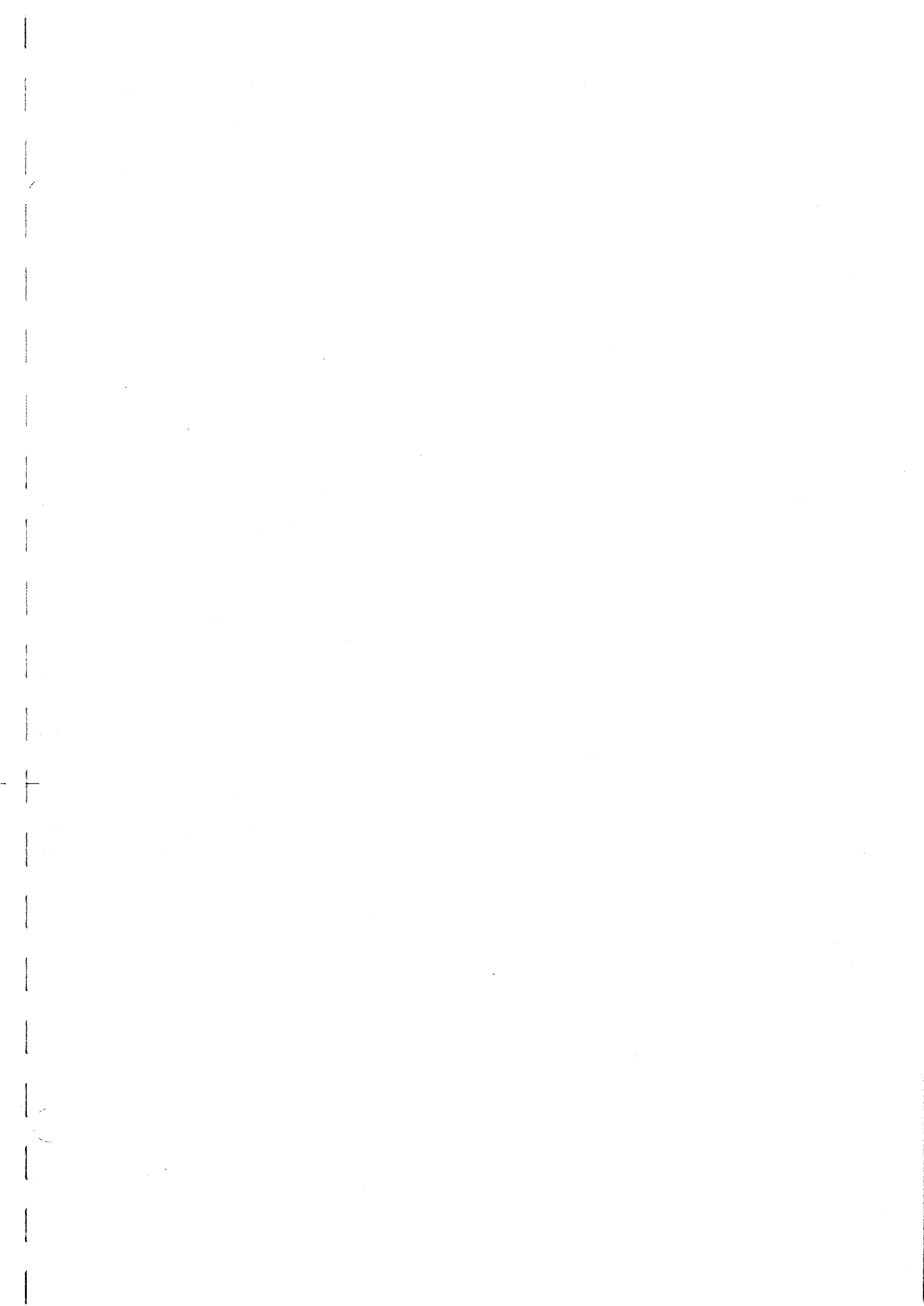
VRA-5(1/4);INPUT PROCESS





VRA-5 BOARD (1/4)

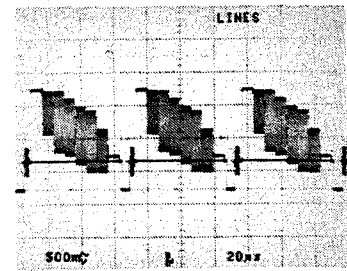
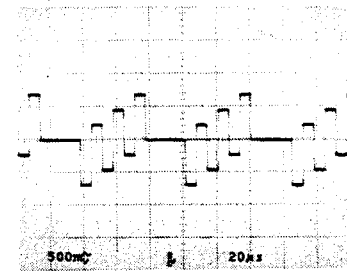
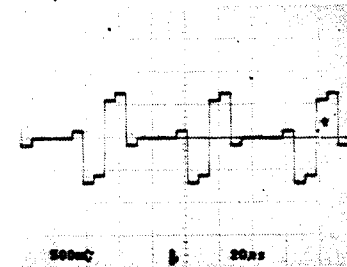
BOARD NO.1-648-898-11
UVW-1800(J);#10001-
UVW-1800(UC);#10001-



VRA-5(1-648-898-11)

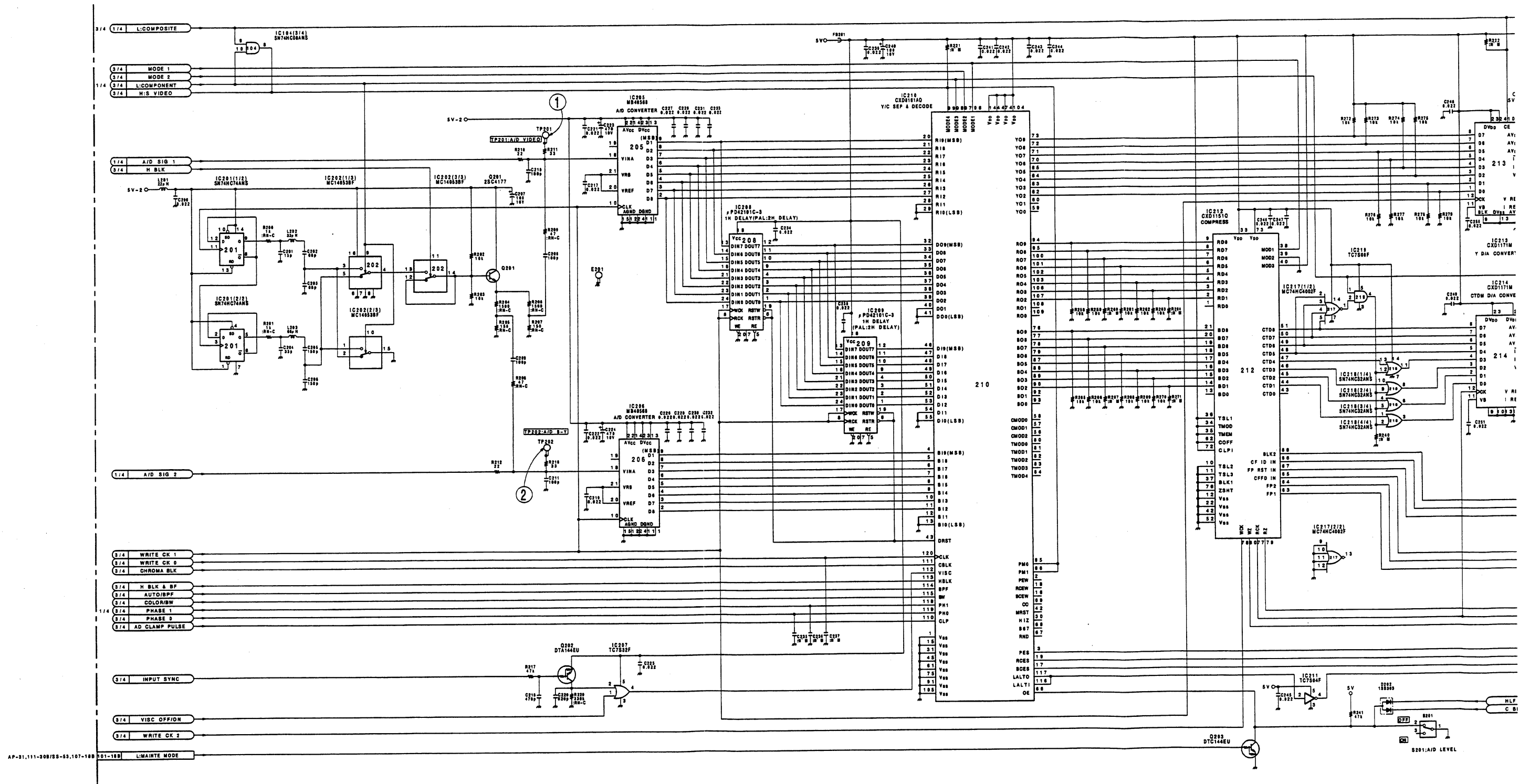
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| E101 | B-4 | *Q108 | A-1 | *Q605 | M-4 |
| E201 | E-2 | *Q109 | B-2 | *Q606 | L-4 |
| E301 | K-3 | *Q110 | B-2 | *Q607 | M-4 |
| E302 | D-3 | *Q111 | B-1 | *Q608 | L-4 |
| E303 | H-1 | *Q112 | C-1 | *Q609 | M-5 |
| E501 | R-5 | *Q113 | C-2 | *Q610 | M-5 |
| E502 | N-1 | *Q114 | B-4 | Q801 | A-2 |
| E601 | M-1 | *Q115 | B-4 | Q802 | A-2 |
| | | *Q116 | B-3 | Q803 | A-2 |
| FB201 | K-2 | *Q117 | B-3 | Q804 | D-3 |
| | | *Q118 | B-3 | | |
| FL101 | A-2 | *Q119 | B-3 | RV101 | B-2 |
| FL102 | B-3 | *Q120 | B-2 | RV102 | B-3 |
| FL103 | C-3 | *Q121 | C-4 | RV103 | C-4 |
| FL201 | R-2 | *Q122 | C-4 | RV104 | C-3 |
| FL202 | N-2 | *Q123 | C-4 | RV105 | A-2 |
| | | *Q124 | C-3 | RV201 | P-1 |
| IC101 | A-3 | *Q125 | C-3 | RV202 | N-1 |
| IC102 | C-2 | *Q126 | C-3 | RV203 | M-1 |
| IC103 | D-4 | *Q127 | C-3 | RV301 | E-3 |
| IC104 | G-5 | *Q128 | C-3 | RV302 | K-1 |
| IC201 | A-1 | *Q129 | C-2 | RV303 | L-1 |
| IC202 | B-1 | *Q130 | C-2 | RV304 | L-1 |
| IC205 | D-2 | *Q131 | B-5 | RV305 | L-1 |
| IC206 | D-1 | *Q132 | C-5 | RV306 | K-5 |
| IC207 | H-1 | *Q133 | A-2 | RV501 | R-1 |
| IC208 | E-2 | *Q201 | C-1 | RV502 | R-4 |
| IC209 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC210 | G-2 | *Q203 | H-4 | RV602 | M-4 |
| IC211 | H-1 | *Q204 | P-2 | RV603 | M-4 |
| IC212 | J-2 | *Q207 | R-2 | | |
| IC213 | P-1 | *Q209 | N-2 | S201 | H-4 |
| IC214 | N-1 | *Q210 | R-2 | | |
| IC215 | P-2 | *Q211 | K-2 | TH201 | M-1 |
| IC216 | K-2 | *Q212 | R-1 | | |
| IC217 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC218 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC219 | J-1 | *Q303 | E-3 | TP202 | C-1 |
| IC220 | M-1 | *Q305 | E-3 | TP301 | E-3 |
| IC301 | E-4 | *Q306 | E-3 | TP302 | E-4 |
| IC302 | H-3 | *Q307 | E-3 | TP303 | H-1 |
| IC303 | E-4 | *Q308 | J-4 | TP304 | L-5 |
| IC304 | E-5 | *Q309 | J-4 | TP305 | K-4 |
| IC305 | F-4 | *Q310 | F-3 | TP306 | J-4 |
| IC306 | K-4 | *Q311 | F-3 | TP307 | J-5 |
| IC307 | F-3 | *Q312 | K-3 | TP308 | N-5 |
| IC308 | J-3 | *Q313 | E-4 | TP309 | N-5 |
| IC309 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC310 | G-3 | *Q315 | J-3 | TP501 | R-4 |
| IC311 | J-4 | *Q316 | F-5 | TP502 | P-1 |
| IC312 | L-2 | *Q317 | F-5 | TP503 | P-5 |
| IC313 | G-5 | *Q318 | E-5 | TP504 | N-4 |
| IC314 | L-1 | *Q319 | K-3 | TP601 | N-4 |
| IC315 | K-5 | *Q320 | J-3 | TP602 | M-1 |
| IC316 | H-4 | *Q321 | J-4 | TP603 | P-5 |
| IC317 | F-4 | *Q322 | J-4 | | |
| IC501 | P-4 | *Q323 | J-4 | X301 | F-4 |
| IC502 | R-5 | *Q324 | F-4 | X302 | H-4 |
| IC601 | L-4 | *Q325 | F-4 | | |
| IC602 | M-4 | *Q508 | N-2 | | |
| IC801 | D-3 | *Q509 | P-2 | | |
| IC802 | D-2 | *Q510 | R-4 | | |

*: B SIDE

① TP201 REC/EE
(COMPOSITE)① TP201 REC/EE
(COMPONENT)② TP202 REC/EE
(COMPONENT)

VRA-5(2 / 4) VRA-5(2 / 4)

VRA-5(2/4);A/D,Y/C SEP.,DECODE,CTDM(COMP.),D/A

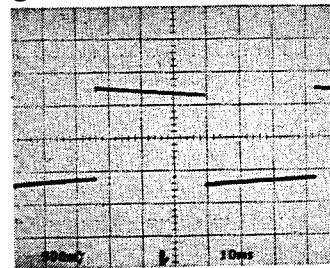


VRA-5(1-648-898-11)

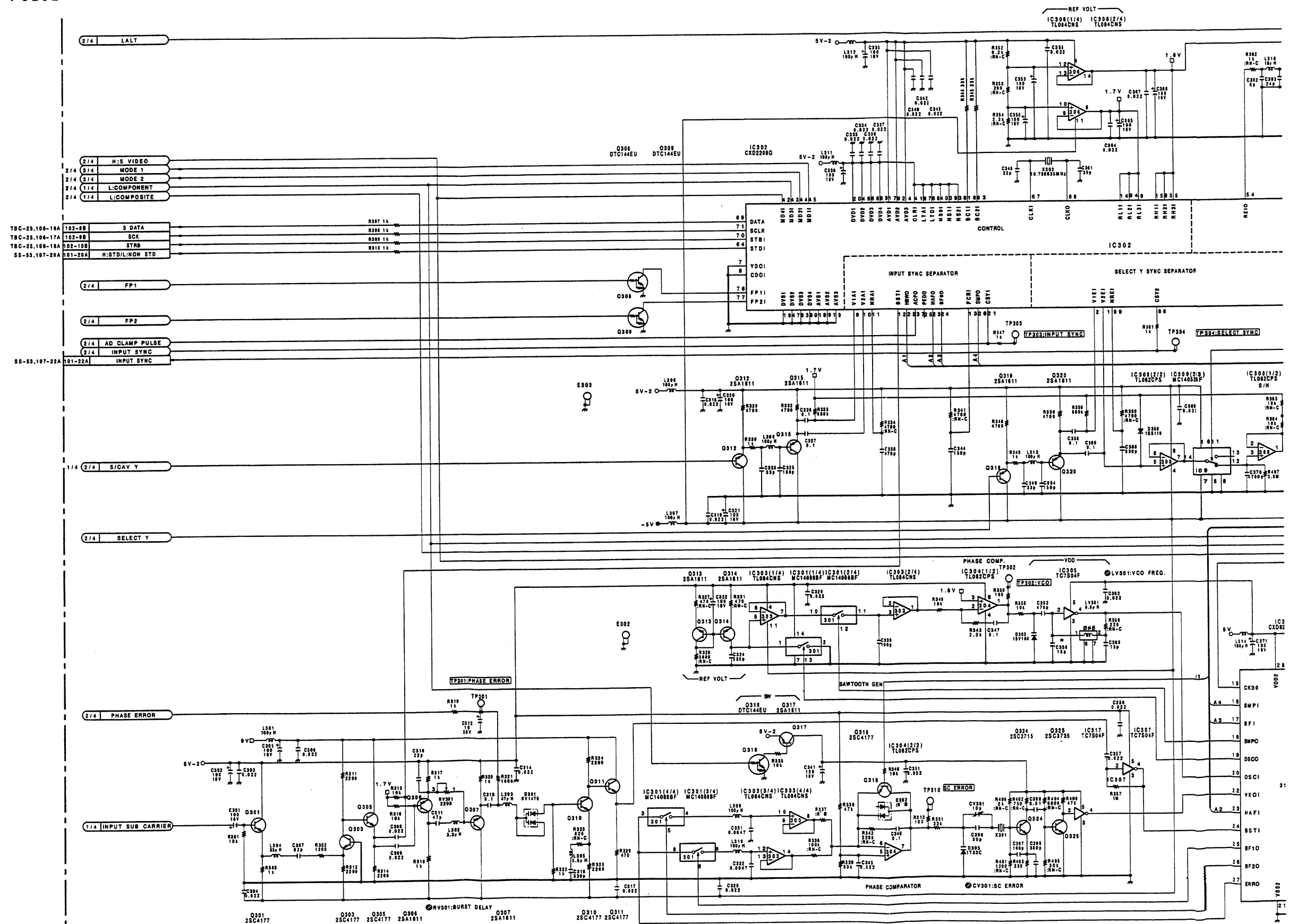
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| | | *Q108 | A-1 | *Q605 | M-4 |
| E101 | B-4 | *Q109 | B-2 | *Q606 | L-4 |
| E201 | E-2 | *Q110 | B-2 | *Q607 | M-4 |
| E301 | K-3 | *Q111 | B-1 | *Q608 | L-4 |
| E302 | D-3 | *Q112 | C-1 | *Q609 | M-5 |
| E303 | H-1 | *Q113 | C-2 | *Q610 | M-5 |
| E501 | R-5 | *Q114 | B-4 | Q801 | A-2 |
| E502 | N-1 | *Q115 | B-4 | Q802 | A-2 |
| E601 | M-1 | *Q116 | B-3 | Q803 | A-2 |
| | | *Q117 | B-3 | Q804 | D-3 |
| FB201 | K-2 | *Q118 | B-3 | | |
| | | *Q119 | B-3 | RV101 | B-2 |
| FL101 | A-2 | *Q120 | B-2 | RV102 | B-3 |
| FL102 | B-3 | *Q121 | C-4 | RV103 | C-4 |
| FL103 | C-3 | *Q122 | C-4 | RV104 | C-3 |
| FL201 | R-2 | *Q123 | C-4 | RV105 | A-2 |
| FL202 | N-2 | *Q124 | C-3 | RV201 | P-1 |
| | | *Q125 | C-3 | RV202 | N-1 |
| IC101 | A-3 | *Q126 | C-3 | RV203 | M-1 |
| IC102 | C-2 | *Q127 | C-3 | RV301 | E-3 |
| IC103 | D-4 | *Q128 | C-3 | RV302 | K-1 |
| IC104 | G-5 | *Q129 | C-2 | RV303 | L-1 |
| IC201 | A-1 | *Q130 | C-2 | RV304 | L-1 |
| IC202 | B-1 | *Q131 | B-5 | RV305 | L-1 |
| IC205 | D-2 | *Q132 | C-5 | RV306 | K-5 |
| IC206 | D-1 | *Q133 | A-2 | RV501 | R-1 |
| IC207 | H-1 | *Q201 | C-1 | RV502 | R-4 |
| IC208 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC209 | E-2 | *Q203 | H-4 | RV602 | M-4 |
| IC210 | G-2 | *Q204 | P-2 | RV603 | M-4 |
| IC211 | H-1 | *Q207 | R-2 | | |
| IC212 | J-2 | *Q209 | N-2 | S201 | H-4 |
| IC213 | P-1 | *Q210 | R-2 | | |
| IC214 | N-1 | *Q211 | K-2 | TH201 | M-1 |
| IC215 | P-2 | *Q212 | R-1 | | |
| IC216 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC217 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC218 | K-2 | *Q303 | E-3 | TP202 | C-1 |
| IC219 | J-1 | *Q305 | E-3 | TP301 | E-3 |
| IC220 | M-1 | *Q306 | E-3 | TP302 | E-4 |
| IC301 | E-4 | *Q307 | E-3 | TP303 | H-1 |
| IC302 | H-3 | *Q308 | J-4 | TP304 | L-5 |
| IC303 | E-4 | *Q309 | J-4 | TP305 | K-4 |
| IC304 | E-5 | *Q310 | F-3 | TP306 | J-4 |
| IC305 | F-4 | *Q311 | F-3 | TP307 | J-5 |
| IC306 | K-4 | *Q312 | K-3 | TP308 | N-5 |
| IC307 | F-3 | *Q313 | E-4 | TP309 | N-5 |
| IC308 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC309 | J-3 | *Q315 | J-3 | TP501 | R-4 |
| IC310 | G-3 | *Q316 | F-5 | TP502 | P-1 |
| IC311 | J-4 | *Q317 | F-5 | TP503 | P-5 |
| IC312 | L-2 | *Q318 | E-5 | TP504 | N-4 |
| IC313 | G-5 | *Q319 | K-3 | TP601 | N-4 |
| IC314 | L-1 | *Q320 | J-3 | TP602 | M-1 |
| IC315 | K-5 | *Q321 | J-4 | TP603 | P-5 |
| IC316 | H-4 | *Q322 | J-4 | | |
| IC317 | F-4 | *Q323 | J-4 | X301 | F-4 |
| IC501 | P-4 | *Q324 | F-4 | X302 | H-4 |
| IC502 | R-5 | *Q325 | F-4 | | |
| IC601 | L-4 | *Q508 | N-2 | | |
| IC602 | M-4 | *Q509 | P-2 | | |
| IC801 | D-3 | *Q510 | R-4 | | |
| IC802 | D-2 | | | | |

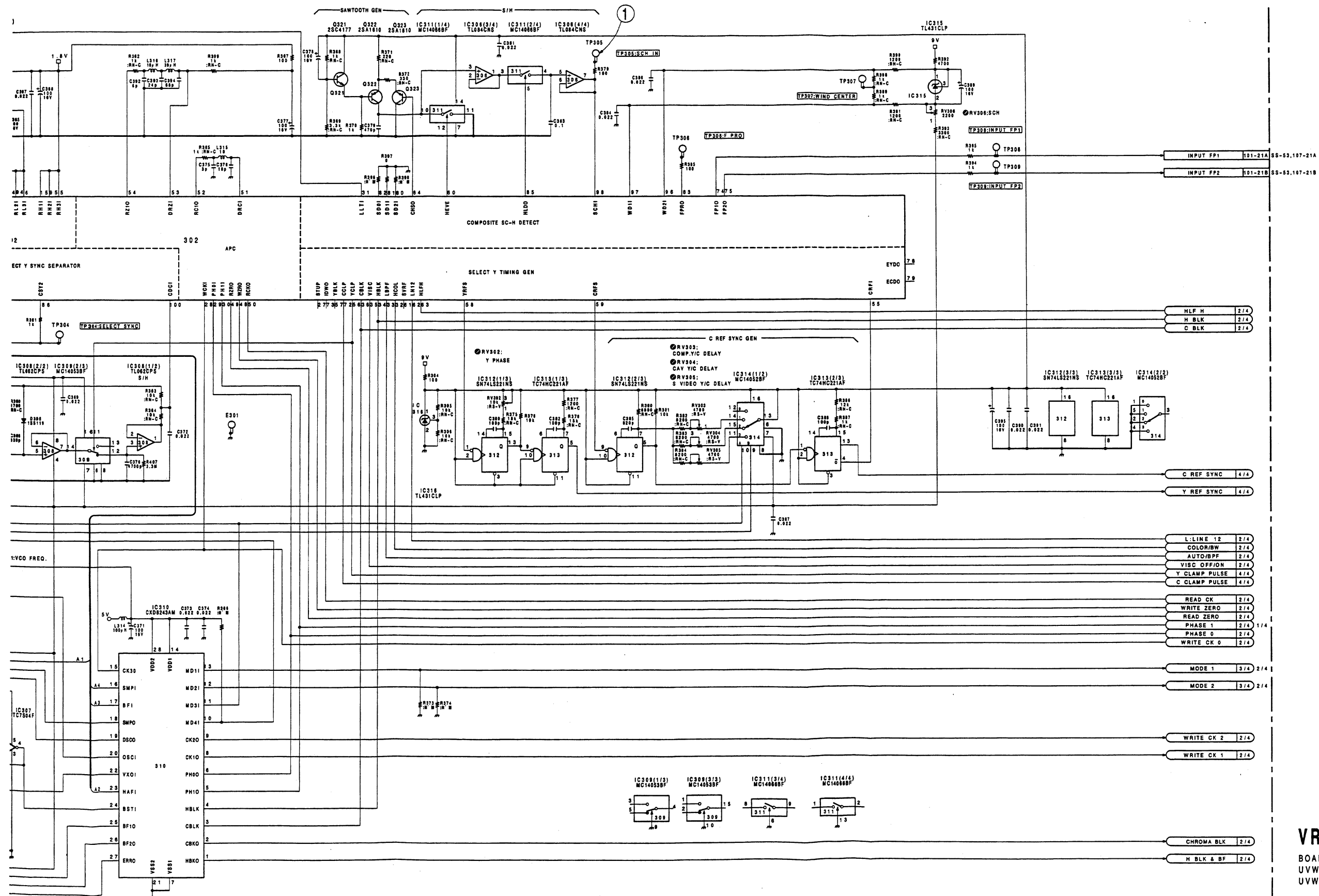
*: B SIDE

① TP305 REC/EE



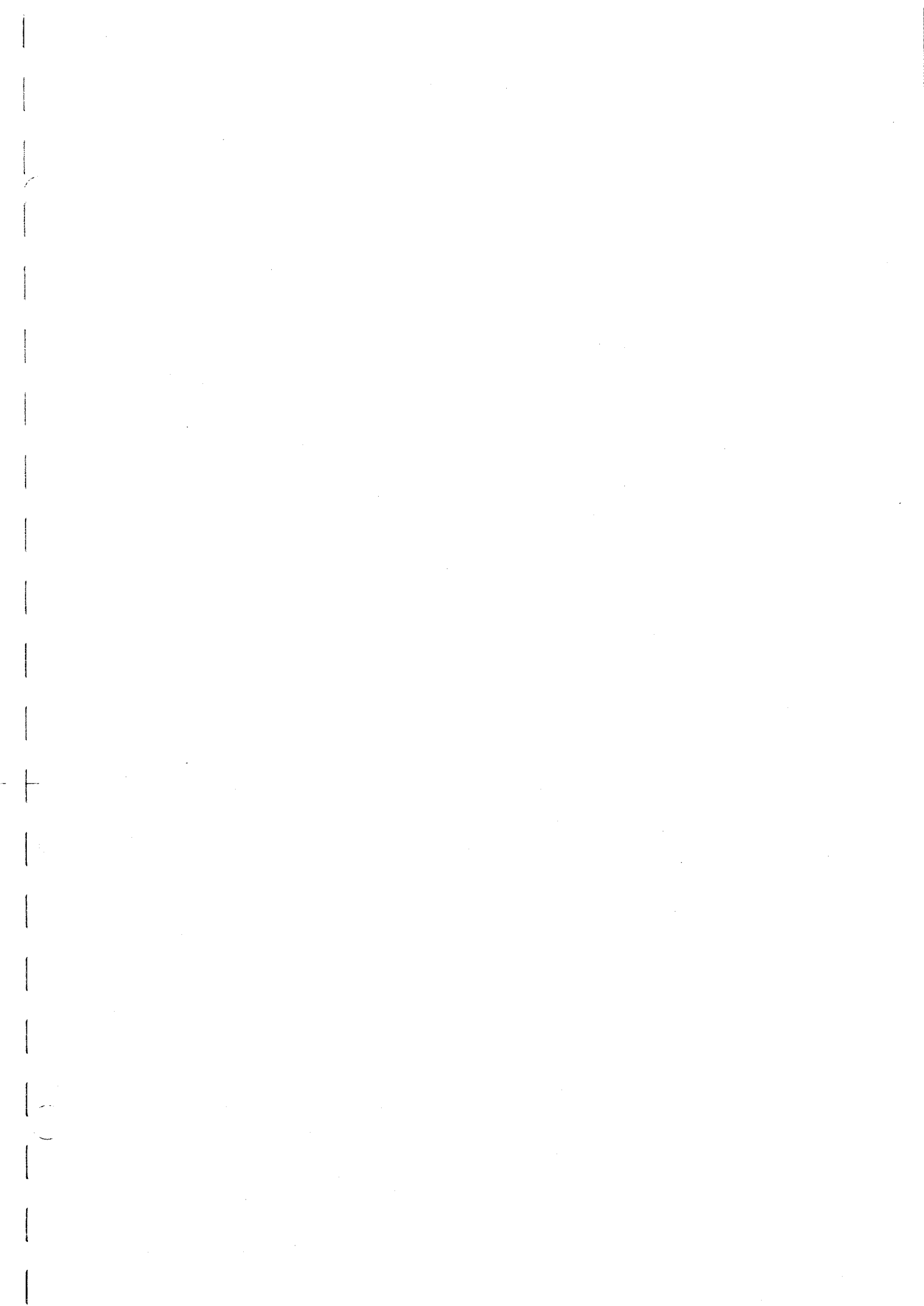
VRA-5(3/4);Y/C REF SYNC,TIMING PULSE





VRA-5 BOARD (3/4)

BOARD NO.1-648-898-11
UVW-1800(J) ;#10001-
UVW-1800(UC);#10001-

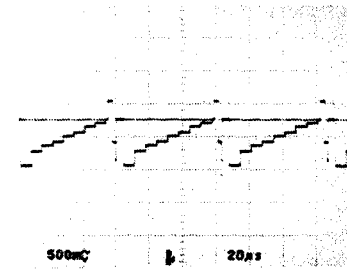


VRA-5(1-648-898-11)

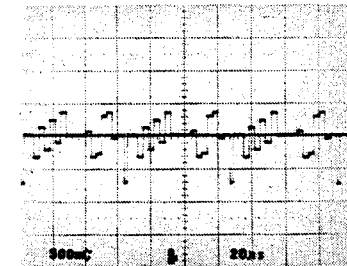
| | | | | | |
|-------|-----|-------|-----|-------|-----|
| CN101 | N-6 | IC901 | K-6 | *Q511 | N-3 |
| CN102 | C-6 | IC902 | G-6 | *Q512 | P-4 |
| | | IC903 | J-6 | *Q513 | P-4 |
| CV301 | F-5 | IC904 | E-6 | *Q514 | P-4 |
| | | | | *Q515 | P-4 |
| *D101 | B-3 | LV301 | E-4 | *Q516 | N-4 |
| *D102 | C-3 | | | *Q517 | N-4 |
| *D109 | D-4 | *Q101 | A-3 | *Q518 | P-4 |
| *D202 | H-4 | *Q102 | A-5 | *Q519 | P-5 |
| *D301 | E-3 | *Q103 | A-3 | *Q520 | P-5 |
| *D303 | F-4 | Q104 | A-4 | *Q601 | L-2 |
| D305 | F-5 | *Q105 | A-4 | *Q602 | M-2 |
| D801 | A-2 | *Q106 | A-3 | *Q603 | N-4 |
| | | *Q107 | A-3 | *Q604 | M-4 |
| | | *Q108 | A-1 | *Q605 | M-4 |
| E101 | B-4 | *Q109 | B-2 | *Q606 | L-4 |
| E201 | E-2 | *Q110 | B-2 | *Q607 | M-4 |
| E301 | K-3 | *Q111 | B-1 | *Q608 | L-4 |
| E302 | D-3 | *Q112 | C-1 | *Q609 | M-5 |
| E303 | H-1 | *Q113 | C-2 | *Q610 | M-5 |
| E501 | R-5 | *Q114 | B-4 | Q801 | A-2 |
| E502 | N-1 | *Q115 | B-4 | Q802 | A-2 |
| E601 | M-1 | *Q116 | B-3 | Q803 | A-2 |
| | | *Q117 | B-3 | Q804 | D-3 |
| FB201 | K-2 | *Q118 | B-3 | | |
| | | *Q119 | B-3 | RV101 | B-2 |
| FL101 | A-2 | *Q120 | B-2 | RV102 | B-3 |
| FL102 | B-3 | *Q121 | C-4 | RV103 | C-4 |
| FL103 | C-3 | *Q122 | C-4 | RV104 | C-3 |
| FL201 | R-2 | *Q123 | C-4 | RV105 | A-2 |
| FL202 | N-2 | *Q124 | C-3 | RV201 | P-1 |
| | | *Q125 | C-3 | RV202 | N-1 |
| IC101 | A-3 | *Q126 | C-3 | RV203 | M-1 |
| IC102 | C-2 | *Q127 | C-3 | RV301 | E-3 |
| IC103 | D-4 | *Q128 | C-3 | RV302 | K-1 |
| IC104 | G-5 | *Q129 | C-2 | RV303 | L-1 |
| IC201 | A-1 | *Q130 | C-2 | RV304 | L-1 |
| IC202 | B-1 | *Q131 | B-5 | RV305 | L-1 |
| IC205 | D-2 | *Q132 | C-5 | RV306 | K-5 |
| IC206 | D-1 | *Q133 | A-2 | RV501 | R-1 |
| IC207 | H-1 | *Q201 | C-1 | RV502 | R-4 |
| IC208 | E-2 | *Q202 | H-1 | RV503 | R-4 |
| IC209 | E-2 | *Q203 | H-4 | RV602 | M-4 |
| IC210 | G-2 | *Q204 | P-2 | RV603 | M-4 |
| IC211 | H-1 | *Q207 | R-2 | | |
| IC212 | J-2 | *Q209 | N-2 | S201 | H-4 |
| IC213 | P-1 | *Q210 | R-2 | | |
| IC214 | N-1 | *Q211 | K-2 | TH201 | M-1 |
| IC215 | P-2 | *Q212 | R-1 | | |
| IC216 | K-2 | *Q213 | M-3 | TP101 | A-3 |
| IC217 | K-2 | *Q301 | D-3 | TP201 | C-2 |
| IC218 | K-2 | *Q303 | E-3 | TP202 | C-1 |
| IC219 | J-1 | *Q305 | E-3 | TP301 | E-3 |
| IC220 | M-1 | *Q306 | E-3 | TP302 | E-4 |
| IC301 | E-4 | *Q307 | E-3 | TP303 | H-1 |
| IC302 | H-3 | *Q308 | J-4 | TP304 | L-5 |
| IC303 | E-4 | *Q309 | J-4 | TP305 | K-4 |
| IC304 | E-5 | *Q310 | F-3 | TP306 | J-4 |
| IC305 | F-4 | *Q311 | F-3 | TP307 | J-5 |
| IC306 | K-4 | *Q312 | K-3 | TP308 | N-5 |
| IC307 | F-3 | *Q313 | E-4 | TP309 | N-5 |
| IC308 | J-3 | *Q314 | E-4 | TP310 | F-5 |
| IC309 | J-3 | *Q315 | J-3 | TP501 | R-4 |
| IC310 | G-3 | *Q316 | F-5 | TP502 | P-1 |
| IC311 | J-4 | *Q317 | F-5 | TP503 | P-5 |
| IC312 | L-2 | *Q318 | E-5 | TP504 | N-4 |
| IC313 | G-5 | *Q319 | K-3 | TP601 | N-4 |
| IC314 | L-1 | *Q320 | J-3 | TP602 | M-1 |
| IC315 | K-5 | *Q321 | J-4 | TP603 | P-5 |
| IC316 | H-4 | *Q322 | J-4 | | |
| IC317 | F-4 | *Q323 | J-4 | X301 | F-4 |
| IC501 | P-4 | *Q324 | F-4 | X302 | H-4 |
| IC502 | R-5 | *Q325 | F-4 | | |
| IC601 | L-4 | *Q508 | N-2 | | |
| IC602 | M-4 | *Q509 | P-2 | | |
| IC801 | D-3 | *Q510 | R-4 | | |
| IC802 | D-2 | | | | |

*: B SIDE

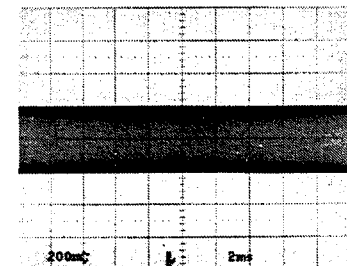
① TP502 REC/EE



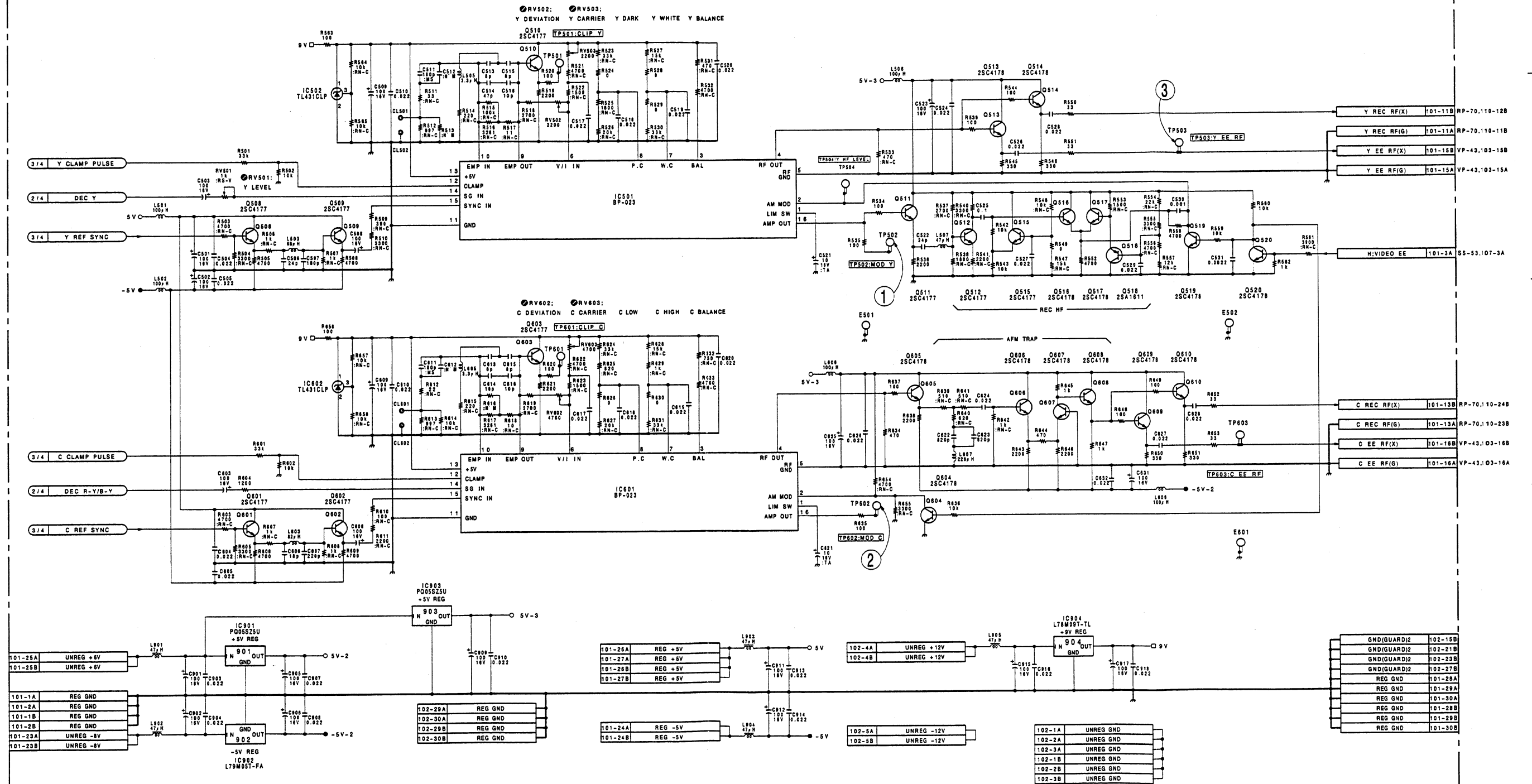
② TP602 REC/EE



③ TP503 REC/EE
TP603 REC/EE



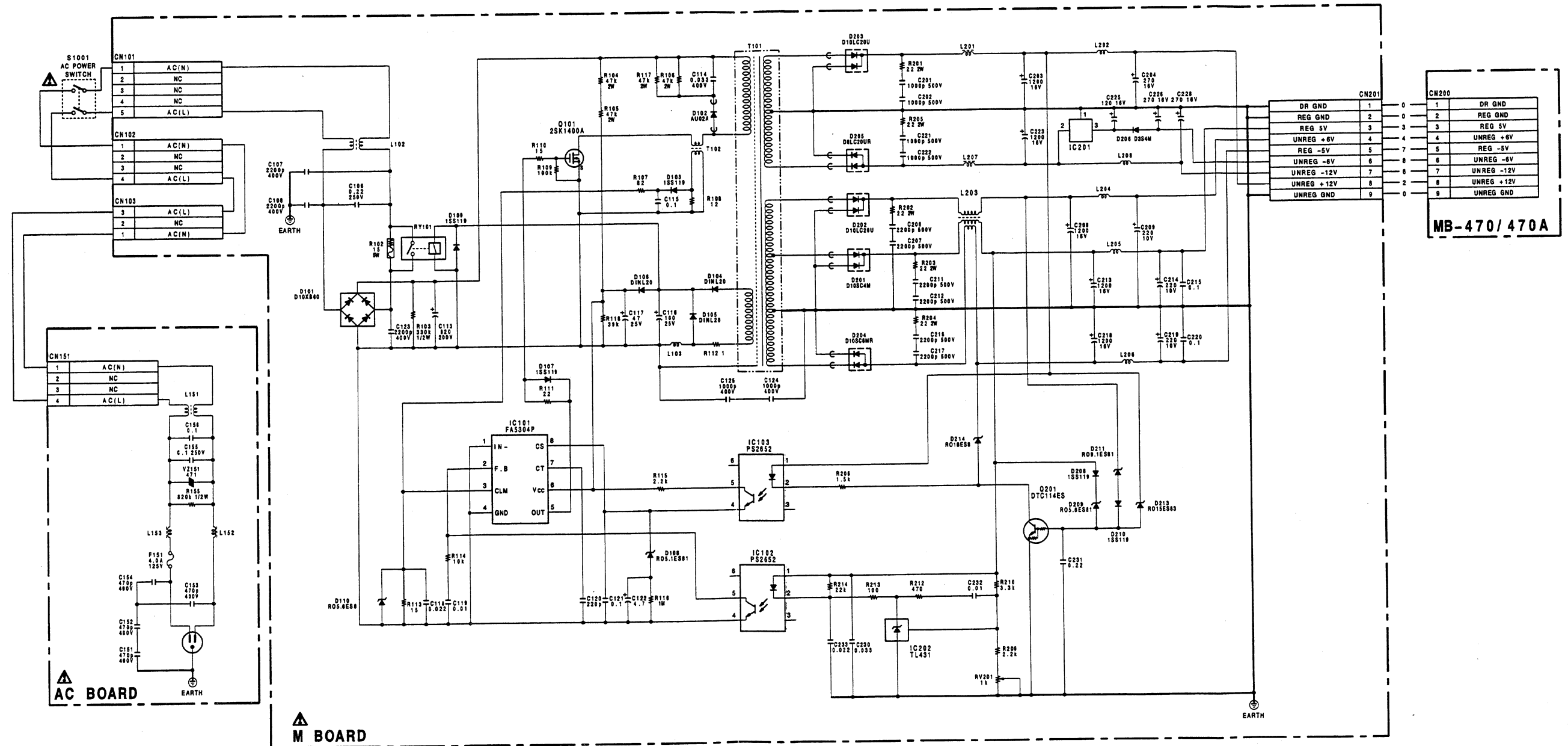
VRA-5(4/4);Y/C MOD,Y REC HF



VRA-5 BOARD (4/4)

BOARD NO.1-648-898-11
UVW-1800(J);#10001-
UVW-1800(UC);#10001-

SOPS-1045AC/1045M;POWER SUPPLY(SWITCHING REGULATOR)



SOPS-1045AC BOARD

BOARD NO.1-649-934-11

SOPS-1045M BOARD

BOARD NO.1-649-935-11
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

MB-470/470A(1/4);MOTHER BOARD

VRA-5

| VRA-5 CN101 | | | |
|---------------|-----------------|----|--------------|
| A | B | | |
| 200-2 | REG GND | 1 | REG GND |
| 200-1 | REG GND | 2 | REG GND |
| 100-3A,105-3A | H:VIDEO EE | 3 | NC |
| | NC | 4 | NC |
| | NC | 5 | NC |
| | NC | 6 | NC |
| | NC | 7 | NC |
| | NC | 8 | NC |
| | NC | 9 | NC |
| | NC | 10 | NC |
| 211-12 | Y REC RF(G) | 11 | Y REC RF(X) |
| | NC | 12 | NC |
| 211-6 | C REC RF(G) | 13 | C REC RF(X) |
| | NC | 14 | NC |
| 103-15A | Y EE RF(G) | 15 | Y EE RF(X) |
| 103-16A | C EE RF(G) | 16 | C EE RF(X) |
| | NC | 17 | NC |
| 107-18A | L:RGB INPUT SEL | 18 | L:MAINT MODE |
| 107-19A | L:COMPOSITE | 19 | L:COMPONENT |
| 107-20A | H:STD/L:NON STD | 20 | NC |
| 107-21A | INPUT FP1 | 21 | INPUT FP2 |
| 107-22A | INPUT SYNC | 22 | REC CF ID |
| 200-8 | UNREG -5V | 23 | UNREG -5V |
| 200-5 | REG -5V | 24 | REG -5V |
| 200-4 | UNREG +5V | 25 | UNREG +5V |
| 200-3 | REG +5V | 26 | REG +5V |
| 200-2 | REG GND | 27 | REG +5V |
| 200-2 | REG GND | 28 | REG GND |
| 200-2 | REG GND | 29 | REG GND |
| 200-2 | REG GND | 30 | REG GND |

| VRA-5 CN102 | | | |
|-------------|----------------|----|----------------|
| A | B | | |
| 200-8 | UNREG GND | 1 | UNREG GND |
| 200-9 | UNREG GND | 2 | UNREG GND |
| 200-8 | UNREG GND | 3 | UNREG GND |
| 200-8 | UNREG +12V | 4 | UNREG +12V |
| 200-7 | UNREG -12V | 5 | UNREG -12V |
| | NC | 6 | NC |
| | NC | 7 | NC |
| | NC | 8 | B DATA |
| | NC | 9 | SCK |
| | NC | 10 | STRB |
| | NC | 11 | GND(GUARD) |
| | NC | 12 | NC |
| | NC | 13 | NC |
| | NC | 14 | NC |
| | NC | 15 | GND(GUARD)2 |
| 271-8 | INPUT Y(G) | 16 | INPUT Y(X) |
| | NC | 17 | NC |
| 271-10 | INPUT R-Y(G) | 18 | INPUT R-Y(X) |
| | NC | 19 | NC |
| 271-12 | INPUT B-Y(G) | 20 | INPUT B-Y(X) |
| | NC | 21 | GND(GUARD)2 |
| 271-2 | INPUT VIDEO(G) | 22 | INPUT VIDEO(X) |
| | NC | 23 | GND(GUARD)2 |
| 271-8 | INPUT S-Y(G) | 24 | INPUT S-Y(X) |
| | NC | 25 | NC |
| | NC | 26 | INPUT S-C(X) |
| 271-4 | INPUT S-C(G) | 27 | GND(GUARD)2 |
| | NC | 28 | NC |
| | REG GND | 29 | REG GND |
| | REG GND | 30 | REG GND |

VP-43/A

| VP-43/A CN103 | | | |
|---------------|---------------|----|------------------|
| A | B | | |
| 101-1-2 | REG GND | 1 | REG GND |
| 101-1-2 | REG GND | 2 | REG GND |
| 105-3A,101-3A | H:VIDEO EE | 3 | CTL SIG |
| 105-4A,107-4A | L:FWD/REV X13 | 4 | TRACKING CONT(X) |
| 108-23B | L:JIG EXIST | 5 | L:IND SIG |
| 105-6A,107-6A | Y SW PLS | 6 | C SW PLS |
| 231-12 | LTC EQ(G) | 7 | LTC EQ(X) |
| 107-14A | L:SLOW BID | 8 | VP SPARE |
| 211-10 | Y A PB RF(G) | 9 | Y A PB RF(X) |
| 211-8 | Y B PB RF(G) | 10 | Y B PB RF(X) |
| | NC | 11 | GND(GUARD) |
| 211-4 | C A PB RF(G) | 12 | C A PB RF(X) |
| 211-2 | C B PB RF(G) | 13 | C B PB RF(X) |
| | NC | 14 | GND(GUARD) |
| 101-18A | Y EE RF(G) | 15 | Y EE RF(X) |
| 101-16A | C EE RF(G) | 16 | C EE RF(X) |
| | NC | 17 | GND |
| 105-18A | DEMODO Y(G) | 18 | DEMODO Y(X) |
| 105-19A | DEMODO C(G) | 19 | DEMODO C(X) |
| 107-14B | SV DO PLS | 20 | L:OXIDE/H:METAL |
| 105-21A | Y DO PLS | 21 | C DO PLS |
| 105-20A | TBC SPEED | 22 | L:NOISE LESS PB |
| 101-23 | UNREG -5V | 23 | UNREG -5V |
| 101-24 | REG -5V | 24 | REG -5V |
| 101-25 | UNREG +5V | 25 | UNREG +5V |
| 101-26-27 | REG +5V | 26 | REG +5V |
| 101-26-27 | REG +5V | 27 | REG +5V |
| 101-26-27 | REG +5V | 28 | REG +5V |
| 101-26-27 | REG +5V | 29 | REG +5V |
| 101-26-27 | REG +5V | 30 | REG +5V |
| 101-26-27 | REG +5V | 31 | REG +5V |
| 101-26-27 | REG +5V | 32 | REG +5V |
| 101-26-27 | REG +5V | 33 | REG +5V |
| 101-26-27 | REG +5V | 34 | REG +5V |

| CN100 | |
|-------|------------|
| 1 | DR GND |
| 2 | REG GND |
| 3 | REG +5V |
| 4 | UNREG +5V |
| 5 | REG -5V |
| 6 | UNREG -5V |
| 7 | UNREG -12V |
| 8 | UNREG +12V |
| 9 | UNREG GND |

| CN101 | |
|-------|------------|
| 1 | REG GND |
| 2 | REG GND |
| 3 | REG +5V |
| 4 | UNREG +5V |
| 5 | REG -5V |
| 6 | UNREG -5V |
| 7 | UNREG -12V |
| 8 | UNREG +12V |
| 9 | UNREG GND |

| CN111 | |
|-------|--------------|
| 1 | C B PB RF(X) |
| 2 | C B PB RF(G) |
| 3 | C A PB RF(X) |
| 4 | C A PB RF(G) |
| 5 | C REC RF(X) |
| 6 | C REC RF(G) |
| 7 | Y B PB RF(X) |
| 8 | Y B PB RF(G) |
| 9 | Y A PB RF(X) |
| 10 | Y A PB RF(G) |
| 11 | Y REC RF(X) |
| 12 | Y REC RF(G) |

| CN121 | |
|-------|--------------------|
| 1 | L:TC ERASE ON |
| 2 | REC LTC |
| 3 | L:AU CH 2 ERASE ON |
| 4 | L:AU CH 1 ERASE ON |
| 5 | L:AU CH 2 REC MUTE |
| 6 | L:AU CH 1 REC MUTE |
| 7 | H:OBC OFF |
| 8 | L:AU CH 1 BIAS ON |
| 9 | L:AU CH 2 BIAS ON |
| 10 | PB LTC |
| 11 | LTC EQ(X) |
| 12 | LTC EQ(G) |
| 13 | H:CTL OUT |
| 14 | L:AU CH 1 HEAD REC |
| 15 | L:AU CH 1 PB MUTE |
| 16 | L:AU CH 2 PB MUTE |
| 17 | L:AU CH 2 HEAD REC |
| 18 | L:AU CH 1 PB |
| 19 | L:AU CH 2 PB |
| 20 | H:LTG PB |
| 21 | L:AUDIO ATT ON |
| 22 | L:SLOW EQ ON |
| 23 | HNR ON |
| 24 | L:MAINT MODE |
| 25 | DEW DET(X) |
| 26 | DEW DET(G) |
| 27 | H:FULL ERASE ON |
| 28 | L:RE B CONT |
| 29 | L:RE A CONT |
| 30 | L:C B REC EN A/V |
| 31 | L:C A REC EN A/V |
| 32 | L:REC CONT |
| 33 | L:Y B REC EN A/V |
| 34 | L:Y A REC EN A/V |

VP-43/A

| VP-43/A | | CN104 | |
|----------------|---------------|-------------------|----------------------|
| | | A | B |
| 05-1-2 | 102-1-2-3 | UNREG GND | 1 UNREG GND |
| 05-1-2 | 102-1-2-3 | UNREG GND | 2 UNREG GND |
| 08-12B,214-33B | 102-1-2-3 | UNREG GND | 3 UNREG GND |
| 08-23A | 102-4 | UNREG +12V | 4 UNREG +12V |
| 05-5B,107-5B | 102-5 | UNREG -12V | 5 UNREG -12V |
| 05-5B,107-6B | 102-5 | UNREG -12V | 5 UNREG -12V |
| 31-11 | 107-10B | L:RGB OUTPUT SEL | 6 NC |
| 07-17B | 106-7A | TBC' d Y(G) | 7 TBC' d Y(X) |
| 11-8 | 106-8A | TBC' d B-Y(G) | 8 TBC' d B-Y(X) |
| 11-7 | 106-9A | TBC' d R-Y(G) | 9 TBC' d R-Y(X) |
| 11-3 | 106-11A | NC | 10 GND(GUARD) |
| 11-1 | 106-12A | U AXIS SC(G) | 11 U AXIS SC(X) |
| 01-15B | 106-12A | V AXIS SC(G) | 12 V AXIS SC(X) |
| 01-15B | 106-12A | NC | 13 GND(GUARD) |
| 01-15B | 268-3 | OUTPUT S-Y(G) | 14 OUTPUT S-Y(X) |
| 01-15B | 268-1 | OUTPUT S-C(G) | 15 OUTPUT S-C(X) |
| 01-15B | 268-1 | NC | 16 GND(GUARD) |
| 01-15B | 269-5 | OUTPUT Y 1(G) | 17 OUTPUT Y 1(X) |
| 01-15B | 269-9 | OUTPUT Y 2(G) | 18 OUTPUT Y 2(X) |
| 01-15B | 269-1 | OUTPUT B-Y 1(G) | 19 OUTPUT B-Y 1(X) |
| 01-15B | 268-13 | OUTPUT B-Y 2(G) | 20 OUTPUT B-Y 2(X) |
| 01-15B | 269-3 | OUTPUT R-Y 1(G) | 21 OUTPUT R-Y 1(X) |
| 01-15B | 268-11 | OUTPUT R-Y 2(G) | 22 OUTPUT R-Y 2(X) |
| 01-15B | 106-21A | ENC CLAMP | 23 GND(GUARD) |
| 01-15B | 268-5 | OUTPUT VIDEO 1(G) | 24 OUTPUT VIDEO 1(X) |
| 01-15B | 268-7 | OUTPUT VIDEO 2(G) | 25 OUTPUT VIDEO 2(X) |
| 01-15B | 105-7A,107-7A | HD | 26 H:WIDE |
| 01-15B | 107-15A | CHARA FRAME | 27 OUTPUT SYNC |
| 01-15B | 107-15B | CHARA SIG | 28 ENC BLANK |
| 01-15B | 102-29-30 | REG GND | 29 REG GND |
| 01-15B | 102-29-30 | REG GND | 30 REG GND |

TBC-25

| TBC-25 | | CN105 | |
|----------------|----------------|-------------------|------------------------|
| | | A | B |
| 103-1-2 | REG GND | 1 REG GND | 107-1-2 |
| 103-1-2 | REG GND | 2 REG GND | 107-1-2 |
| 107-3A,103-3A | H:VIDEO EE | 3 L:NOISE LESS PB | 107-5B,103-22B |
| 107-4A,103-4A | L:FWD/REV X13 | 4 H:FWD/REV | 107-4B |
| 107-5A | L:TBC MUTE | 5 L:NO SIG | 103-5B,107-5B |
| 107-6A,103-6A | Y SW PLS | 6 C SW PLS | 103-5B,107-6B |
| 107-7A,104-26A | HD | 7 PB SYNC | 107-7B |
| 107-8A | REF SYNC | 8 REF 1ST FIELD | 107-8B |
| 107-9A | VD | 9 SERVO V | 107-9B |
| 107-10A | L:FWD/REV X15 | 10 H:EXT SC DET | 107-10B |
| 107-11A | H:EXT SYNC DET | 11 PB FP1 | 107-11B |
| 107-12A | PB FP2 | 12 L:SYNC DELAY | 107-12B |
| 107-13A | TAPE SPEED | 13 L:CS TBC | 107-13B |
| 107-14A | NC | 14 L:MAINT MODE | 101-10B,107-10B,251-24 |
| 107-15A | NC | 15 NC | |
| 107-16A | NC | 16 NC | |
| 107-17A | TBC SPARE | 17 GND | NC |
| 107-18A | DEMOC Y(G) | 18 DEMOC Y(X) | 107-18B |
| 107-19A | DEMOC C(G) | 19 DEMOC C(X) | 107-19B |
| 107-20A | NC | 20 GND | NC |
| 107-21A | Y DO PLS | 21 C DO PLS | 107-21B |
| 107-22A | NC | 22 H:CHROMA MUTE | 107-22B |
| 107-23A | UNREG -5V | 23 UNREG -5V | 107-23B |
| 107-24A | REG -5V | 24 REG -5V | 107-24B |
| 107-25A | UNREG +5V | 25 UNREG +5V | 107-25B |
| 107-26A | REG +5V | 26 REG +5V | 107-26B |
| 107-27A | REG +5V | 27 REG +5V | 107-27B |
| 107-28A | REG GND | 28 REG GND | 107-28B |
| 107-29A | REG GND | 29 REG GND | 107-29B |
| 107-30A | REG GND | 30 REG GND | 107-30B |

| TBC-25 | | CN106 | |
|---------------|---------------------|-----------------------|-----------------|
| | | A | B |
| 104-1-2-3 | UNREG GND | 1 UNREG GND | 109-1-2-3 |
| 104-1-2-3 | UNREG GND | 2 UNREG GND | 109-1-2-3 |
| 104-1-2-3 | UNREG GND | 3 UNREG GND | 109-1-2-3 |
| 104-4 | UNREG +12V | 4 UNREG +12V | 109-4 |
| 104-5 | UNREG -12V | 5 UNREG -12V | 109-5 |
| 267-1 | INPUT REF(G) | 6 INPUT REF(X) | 267-2 |
| 104-7A | TBC' d Y(G) | 7 TBC' d Y(X) | 104-7B |
| 104-8A | TBC' d B-Y(G) | 8 TBC' d B-Y(X) | 104-8B |
| 104-9A | TBC' d R-Y(G) | 9 TBC' d R-Y(X) | 104-9B |
| 104-10A | NC | 10 GND(GUARD) | |
| 104-11A | U AXIS SC(G) | 11 U AXIS SC(X) | 104-11B |
| 104-12A | V AXIS SC(G) | 12 V AXIS SC(X) | 104-12B |
| 104-13A | NC | 13 GND(GUARD) | |
| 267-6 | DUB INPUT REF(G) | 14 DUB INPUT REF(X) | 267-7 |
| 102-8B | S DATA | 15 NC | |
| 102-9B | SKC | 16 NC | |
| 102-10B | STRB | 17 NC | |
| 103-22A | GND(GUARD) | 18 L:OXIDE/M:METAL | 103-24B,103-20B |
| 104-23A | TBC SPEED | 19 H:WIDE | 104-27B,107-17A |
| 104-24A | ENC CLAMP | 20 OUTPUT SYNC | 104-28B |
| 109-22A,262-6 | L:SYSTEM RESET | 21 ENC BLANK | 104-28B |
| 109-23A,262-6 | SERIAL CLOCK | 22 LOCAL SYNC PHASE | 262-10 |
| 109-24A,262-4 | SERIAL RX | 23 L:SERIAL READY | 109-23B,262-5 |
| 232-7 | REMOTE SYNC PHASE | 24 SERIAL TX | 109-24B |
| 232-8 | REMOTE SC PHASE | 25 LOCAL SC PHASE | 262-11 |
| 232-9 | SET UP | 26 HUE | 232-8 |
| 232-10 | OUTPUT VIDEO LEVEL | 27 OUTPUT VIDEO LEVEL | 232-10 |
| 232-11 | OUTPUT CHROMA LEVEL | 28 Y/C DELAY | 232-12 |
| 104-29-30 | REG GND | 29 REG GND | 109-29-30 |
| 104-29-30 | REG GND | 30 REG GND | 109-29-30 |

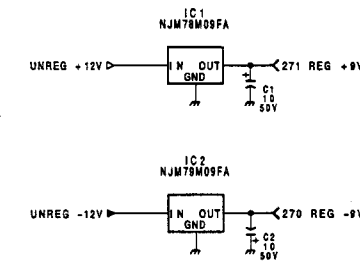
| | |
|-------------|-----------|
| MB-470/470A | 109-29-30 |
| MB-470/470A | 109-29-30 |
| MB-470/470A | 109-29-30 |
| MB-470/470A | 109-29-30 |
| MB-470/470A | 109-29-30 |

| CN101 | |
|-----------------|------------------------|
| 1 | |
| CP-237/A,532-17 | 1 FRAME GND |
| CP-237/A,532-18 | 2 FRAME GND |
| CP-237/A,532-19 | 3 RX(-) |
| CP-237/A,532-20 | 4 RX(+) |
| CP-237/A,532-21 | 5 TX(+) |
| CP-237/A,532-22 | 6 TX(-) |
| CP-237/A,532-23 | 7 REMOTE SYNC PHASE |
| CP-237/A,532-24 | 8 HUE |
| CP-237/A,532-25 | 9 REMOTE SC PHASE |
| CP-237/A,532-26 | 10 OUTPUT VIDEO LEVEL |
| CP-237/A,532-27 | 11 SET UP |
| CP-237/A,532-28 | 12 Y/C DELAY |
| CP-237/A,532-29 | 13 OUTPUT CHROMA LEVEL |
| CP-237/A,532-30 | 14 REG -5V |
| CP-237/A,532-31 | 15 REG +5V |
| CP-237/A,532-32 | 16 REG GND |
| CP-237/A,532-33 | 17 REG GND |

| CN102 | |
|---------------|-------------|
| 1 | |
| HP-81/A,403-1 | 1 SIRS VCC |
| HP-81/A,403-2 | 2 SIRS DATA |
| HP-81/A,403-3 | 3 SIRS GND |

| CN103 | |
|-----------------|---------------------|
| 1 | |
| KY-240/A,590-1 | 1 REG GND |
| KY-240/A,590-2 | 2 REG GND |
| KY-240/A,590-3 | 3 SERIAL TX |
| KY-240/A,590-4 | 4 SERIAL RX |
| KY-240/A,590-5 | 5 L:SERIAL READY |
| KY-240/A,590-6 | 6 SERIAL CLOCK |
| KY-240/A,590-7 | 7 L:CS KEY |
| KY-240/A,590-8 | 8 L:SYSTEM RESET |
| KY-240/A,590-9 | 9 L:CS DOT |
| KY-240/A,590-10 | 10 LOCAL SYNC PHASE |
| KY-240/A,590-11 | 11 LOCAL SC PHASE |
| KY-240/A,590-12 | 12 REG +5V |
| KY-240/A,590-13 | 13 REG +5V |
| KY-240/A,590-14 | 14 UNREG +12V |
| KY-240/A,590-15 | 15 UNREG +12V |

CN101,CN102...UVW-1800 ONLY



MB-470/470A BOARD (1/4)

BOARD NO.1-648-918-11,21
UVW-1800/1600(J);#10001-
UVW-1800/1600(UC);#10001-

MB-470/470A(2/4);MOTHER BOARD

SS-53

| SS-53 CN107 | | | |
|-----------------|-----------------|----|------------------|
| A | | B | |
| 105-1-2 | REG GND | 1 | REG GND |
| 105-1-2 | REG GND | 2 | REG GND |
| 105-3A,105-3A | H:VIDEO EE | 3 | L:NOISE LESS PB |
| 105-4A,105-4A | L:FWD/REV X13 | 4 | H:FWD/L:REV |
| 105-5A | L:TBC MUTE | 5 | L:NO SIG |
| 105-6A,105-6A | Y SW PLS | 6 | C SW PLS |
| 105-7A,104-26A | HD | 7 | PB SYNC |
| 105-8A | REF SYNC | 8 | REF 1ST FIELD |
| 105-9A | VD | 9 | SERVO V |
| 105-10A | L:FWD/REV X15 | 10 | H:EXT SC DET |
| 105-11A | H:EXT SYNC DET | 11 | PB FP1 |
| 105-12A | PB FP2 | 12 | L:SYNC DELAY |
| 105-13A | TAPE SPEED | 13 | L:CS TBC |
| 105-14A | L:SLOW BID | 14 | SV DO PLS |
| 104-27A | CHARA FRAME | 15 | CHARA SIG |
| 101-18A | L:RGB INPUT SEL | 16 | L:RGB OUTPUT SEL |
| 106-19B,104-26B | H:WIDE | 17 | VP SPARE |
| 105-17A | TBC SPARE | 18 | L:MAINT MODE |
| 101-19A | L:COMPOSITE | 19 | L:COMPONENT |
| 101-20A | H:STD/L:NON STD | 20 | H:CHROMA MUTE |
| 101-21A | INPUT FP1 | 21 | INPUT FP2 |
| 101-22A | INPUT SYNC | 22 | REC CF ID |
| 105-23 | UNREG -5V | 23 | UNREG -5V |
| 105-24 | REG -5V | 24 | REG -5V |
| 105-25 | UNREG +6V | 25 | UNREG +6V |
| 105-26-27 | REG +5V | 26 | REG +5V |
| 105-26-27 | REG +5V | 27 | REG +5V |
| 105-28-29-30 | REG GND | 28 | REG GND |
| 105-28-29-30 | REG GND | 29 | REG GND |
| 105-28-29-30 | REG GND | 30 | REG GND |

| SS-53 CN108 | | | |
|-------------|-----------|----|-------------------|
| A | | B | |
| 277 | 214-10B | 1 | DRUM ERROR |
| 278 | 214-12B | 2 | CAPSTAN ERROR |
| 279 | 214-14B | 3 | S REEL POWER CONT |
| 280 | 214-16B | 4 | S REEL CURRENT |
| 281 | 214-18B | 5 | DRUM FG |
| 282 | 214-20B | 6 | S REEL FG B |
| 283 | 214-22B | 7 | L:TAPE END |
| 284 | 214-24B | 8 | CAPSTAN FG A |
| 285 | 214-26B | 9 | ADJUST +11V |
| 286 | 214-28B | 10 | CAPSTAN FG B NORM |
| 287 | 214-30B | 11 | S TENSION |
| 288 | 214-32B | 12 | H:CTL GAIN UP |
| 289 | 214-34B | 13 | CTL PULSE |
| 290 | 214-36B | 14 | H:CTL REC |
| 291 | 214-38B | 15 | THREADING FG |
| 292 | 214-40B | 16 | H:TH END |
| 293 | 214-42B | 17 | 1/2 VD |
| 294 | 214-44B | 18 | SERVO SI |
| 295 | 214-46B | 19 | T REEL FG B |
| 296 | 214-48A | 20 | T REEL POWER CONT |
| 297 | 214-50A | 21 | T REEL CURRENT |
| 298 | 214-49B | 22 | THUNTH POWER CONT |
| 148 | 103-4B | 23 | TRACKING CONT(X) |
| NC | SV SPARE | 24 | L:OXIDE/H:METAL |
| 235-1 | SIRCS VCC | 25 | SIRCS DATA |
| 235-3 | SIRCS GND | 26 | NC |
| NC | NC | 27 | NC |
| NC | NC | 28 | NC |
| NC | NC | 29 | NC |
| NC | NC | 30 | NC |

| SS-53 CN109 | | | |
|---------------|--------------------|----|--------------------|
| A | | B | |
| 106-1-2-3 | UNREG GND | 1 | UNREG GND |
| 106-1-2-3 | UNREG GND | 2 | UNREG GND |
| 106-1-2-3 | UNREG GND | 3 | UNREG GND |
| 106-4 | UNREG +12V | 4 | UNREG +12V |
| 106-5 | UNREG -12V | 5 | UNREG -12V |
| 231-33 | L:Y B REC EN A/V | 6 | L:Y A REC EN A/V |
| 231-30 | L:C B REC EN A/V | 7 | L:REC CONT |
| 231-28 | L:RE B CONT | 8 | L:C A REC EN A/V |
| 231-27 | H:FULL ERASE ON | 9 | L:RE A CONT |
| 231-23 | H:NR ON | 10 | L:SLOW EQ ON |
| 231-20 | H:LTC PB | 11 | L:AUDIO ATT ON |
| 231-17 | L:AU CH 2 HEAD REC | 12 | L:AU CH 2 PB |
| 231-14 | L:AU CH 1 HEAD REC | 13 | L:AU CH 1 PB |
| 231-10 | PB LTC | 14 | L:AU CH 2 PB MUTE |
| 231-9 | L:AU CH 2 BIAS ON | 15 | L:AU CH 1 PB MUTE |
| 231-8 | L:AU CH 1 BIAS ON | 16 | H:CTL CUT |
| 231-7 | H:OSC OFF | 17 | L:CS DOT |
| 231-5 | L:AU CH 2 REC MUTE | 18 | L:AU CH 1 REC MUTE |
| 231-1 | L:LTC ERASE ON | 19 | L:AU CH 1 ERASE ON |
| 231-2 | REC LTC | 20 | L:AU CH 2 ERASE ON |
| 231-25 | DEW DET(X) | 21 | DEW DET(G) |
| 262-8,106-22A | L:SYSTEM RESET | 22 | L:CS KEY |
| 262-6,106-23A | SERIAL CLOCK | 23 | L:SERIAL READY |
| 262-4,106-24A | SERIAL RX | 24 | SERIAL TX |
| 232-6 | TX(-) | 25 | TX(+) |
| 232-3 | RX(-) | 26 | RX(+) |
| 266-3 | OUTPUT LTC(G) | 27 | OUTPUT LTC(X) |
| 266-1 | EXT TC IN(G) | 28 | EXT TC IN(X) |
| 106-29-30 | REG GND | 29 | REG GND |
| 106-29-30 | REG GND | 30 | REG GND |

| CN266 | | | |
|----------------|---|---------------|---------|
| CP-225/A,651-1 | 1 | EXT TC IN(G) | 109-28A |
| CP-225/A,651-2 | 2 | EXT TC IN(X) | 109-28B |
| CP-225/A,651-3 | 3 | OUTPUT LTC(G) | 109-27A |
| CP-225/A,651-4 | 4 | OUTPUT LTC(X) | 109-27B |

| CN267 | | | |
|----------------|---|------------------|---------|
| CP-225/A,652-1 | 1 | INPUT REF(G) | 108-8A |
| CP-225/A,652-2 | 2 | INPUT REF(X) | 108-8B |
| CP-225/A,652-3 | 3 | REG -5V | 200-5 |
| CP-225/A,652-4 | 4 | REG GND | 200-2 |
| CP-225/A,652-5 | 5 | REG +5V | 200-3 |
| CP-225/A,652-6 | 6 | DUB INPUT REF(G) | 108-14A |
| CP-225/A,652-7 | 7 | DUB INPUT REF(X) | 108-14B |

| CN268 | | | |
|-----------------|----|-------------------|---------|
| CP-225/A,655-1 | 1 | OUTPUT S-C(G) | 104-15A |
| CP-225/A,655-2 | 2 | OUTPUT S-C(X) | 104-15B |
| CP-225/A,655-3 | 3 | OUTPUT S-Y(G) | 104-14A |
| CP-225/A,655-4 | 4 | OUTPUT S-Y(X) | 104-14B |
| CP-225/A,655-5 | 5 | OUTPUT VIDEO 1(G) | 104-21A |
| CP-225/A,655-6 | 6 | OUTPUT VIDEO 1(X) | 104-21B |
| CP-225/A,655-7 | 7 | OUTPUT VIDEO 2(G) | 104-25A |
| CP-225/A,655-8 | 8 | OUTPUT VIDEO 2(X) | 104-25B |
| CP-225/A,655-9 | 9 | OUTPUT Y 2(G) | 104-19A |
| CP-225/A,655-10 | 10 | OUTPUT Y 2(X) | 104-19B |
| CP-225/A,655-11 | 11 | OUTPUT R-Y 2(G) | 104-22A |
| CP-225/A,655-12 | 12 | OUTPUT R-Y 2(X) | 104-22B |
| CP-225/A,655-13 | 13 | OUTPUT B-Y 2(G) | 104-20A |
| CP-225/A,655-14 | 14 | OUTPUT B-Y 2(X) | 104-20B |

| CN269 | | | |
|----------------|---|-----------------|---------|
| CP-225/A,653-1 | 1 | OUTPUT B-Y 1(G) | 104-19A |
| CP-225/A,653-2 | 2 | OUTPUT B-Y 1(X) | 104-19B |
| CP-225/A,653-3 | 3 | OUTPUT R-Y 1(G) | 104-21A |
| CP-225/A,653-4 | 4 | OUTPUT R-Y 1(X) | 104-21B |
| CP-225/A,653-5 | 5 | OUTPUT Y 1(G) | 104-17A |
| CP-225/A,653-6 | 6 | OUTPUT Y 1(X) | 104-17B |

| CN271 | | | |
|-----------------|----|----------------|---------|
| CP-225/A,654-1 | 1 | INPUT VIDEO(X) | 102-22B |
| CP-225/A,654-2 | 2 | INPUT VIDEO(G) | 102-22A |
| CP-225/A,654-3 | 3 | INPUT S-C(X) | 102-26B |
| CP-225/A,654-4 | 4 | INPUT S-C(G) | 102-26A |
| CP-225/A,654-5 | 5 | INPUT S-Y(X) | 102-24B |
| CP-225/A,654-6 | 6 | INPUT S-Y(G) | 102-24A |
| CP-225/A,654-7 | 7 | INPUT Y(X) | 102-16B |
| CP-225/A,654-8 | 8 | INPUT Y(G) | 102-16A |
| CP-225/A,654-9 | 9 | INPUT R-Y(X) | 102-18B |
| CP-225/A,654-10 | 10 | INPUT R-Y(G) | 102-18A |
| CP-225/A,654-11 | 11 | INPUT B-Y(X) | 102-20B |
| CP-225/A,654-12 | 12 | INPUT B-Y(G) | 102-20A |

CN271...UVW-1800 ONLY

SS-53

| SS-53 CN108 | | | |
|-------------|--------------------|----|--------------------|
| A | | B | |
| 214-10B | DRUM ERROR | 1 | DRUM CURRENT |
| 214-12B | CAPSTAN ERROR | 2 | CAPSTAN CURRENT |
| 214-14B | S REEL POWER CONT | 3 | S REEL ERROR |
| 214-16B | S REEL CURRENT | 4 | SOL CURRENT |
| 214-18B | DRUM FG | 5 | DRUM PG |
| 214-20B | S REEL FG B | 6 | S REEL FG A |
| 214-22B | L:TAPE END | 7 | CAPSTAN DIR CONT |
| 214-24B | CAPSTAN FG A | 8 | CAPSTAN FG B |
| 214-26B | ADJUST +11V | 9 | CAPSTAN FG A NORM |
| 214-28B | CAPSTAN FG B NORM | 10 | ADJUST GND |
| 214-30B | S TENSION | 11 | ADJUST +5V |
| 214-32B | H:CTL GAIN UP | 12 | CTL SIG |
| 214-34B | CTL PULSE | 13 | REC CTL |
| 214-36B | H:CTL REC | 14 | L:TAPE TOP |
| 214-38B | THREADING FG | 15 | H:UNTH END |
| 214-40B | H:TH END | 16 | EMERGENCY MS RESET |
| 214-42B | 1/2 VD | 17 | SERVO SCK |
| 214-44B | SERVO SI | 18 | SERVO SO |
| 214-46B | T REEL FG B | 19 | T REEL FG A |
| 214-48A | T REEL POWER CONT | 20 | T REEL ERROR |
| 214-50A | T REEL CURRENT | 21 | THREADING ERROR |
| 214-48B | TH/UNTH POWER CONT | 22 | L:MS BUSY |
| 103-4B | TRACKING CONT(X) | 23 | L:JIG EXIST |
| NC | SV SPARE | 24 | L:OXIDE/H:METAL |
| 235-1 | SIRCS VCC | 25 | SIRCS DATA |
| 235-3 | SIRCS GND | 26 | NC |
| | NC | 27 | NC |
| | NC | 28 | NC |
| | NC | 29 | NC |
| | NC | 30 | NC |

| SS-53 CN109 | | | |
|---------------|--------------------|----|--------------------|
| A | | B | |
| 106-1-2-3 | UNREG GND | 1 | UNREG GND |
| 106-1-2-3 | UNREG GND | 2 | UNREG GND |
| 106-1-2-3 | UNREG GND | 3 | UNREG GND |
| 106-4 | UNREG +12V | 4 | UNREG +12V |
| 106-5 | UNREG -12V | 5 | UNREG -12V |
| 231-33 | L:Y B REC EN A/V | 6 | L:Y A REC EN A/V |
| 231-30 | L:C B REC EN A/V | 7 | L:REC CONT |
| 231-28 | L:RE B CONT | 8 | L:C A REC EN A/V |
| 231-27 | H:FULL ERASE ON | 9 | L:RE A CONT |
| 231-23 | H:NR ON | 10 | L:SLOW EQ ON |
| 231-20 | H:LTC PB | 11 | L:AUDIO ATT ON |
| 231-17 | L:AU CH 2 HEAD REC | 12 | L:AU CH 2 PB |
| 231-14 | L:AU CH 1 HEAD REC | 13 | L:AU CH 1 PB |
| 231-10 | PB LTC | 14 | L:AU CH 2 PB MUTE |
| 231-9 | L:AU CH 2 BIAS ON | 15 | L:AU CH 1 PB MUTE |
| 231-8 | L:AU CH 1 BIAS ON | 16 | H:CTL CUT |
| 231-7 | H:OSC OFF | 17 | L:CS DOT |
| 231-5 | L:AU CH 2 REC MUTE | 18 | L:AU CH 1 REC MUTE |
| 231-1 | L:LTC ERASE ON | 19 | L:AU CH 1 ERASE ON |
| 231-2 | REC LTC | 20 | L:AU CH 2 ERASE ON |
| 231-25 | DEW DET(X) | 21 | DEW DET(G) |
| 262-8,106-22A | L:SYSTEM RESET | 22 | L:CS KEY |
| 262-6,106-23A | SERIAL CLOCK | 23 | L:SERIAL READY |
| 262-4,106-24A | SERIAL RX | 24 | SERIAL TX |
| 232-6 | TX(-) | 25 | TX(+) |
| 232-3 | RX(-) | 26 | RX(+) |
| 266-3 | OUTPUT LTC(G) | 27 | OUTPUT LTC(X) |
| 266-1 | EXT TC IN(G) | 28 | EXT TC IN(X) |
| 106-29-30 | REG GND | 29 | REG GND |
| 106-29-30 | REG GND | 30 | REG GND |

DR-214

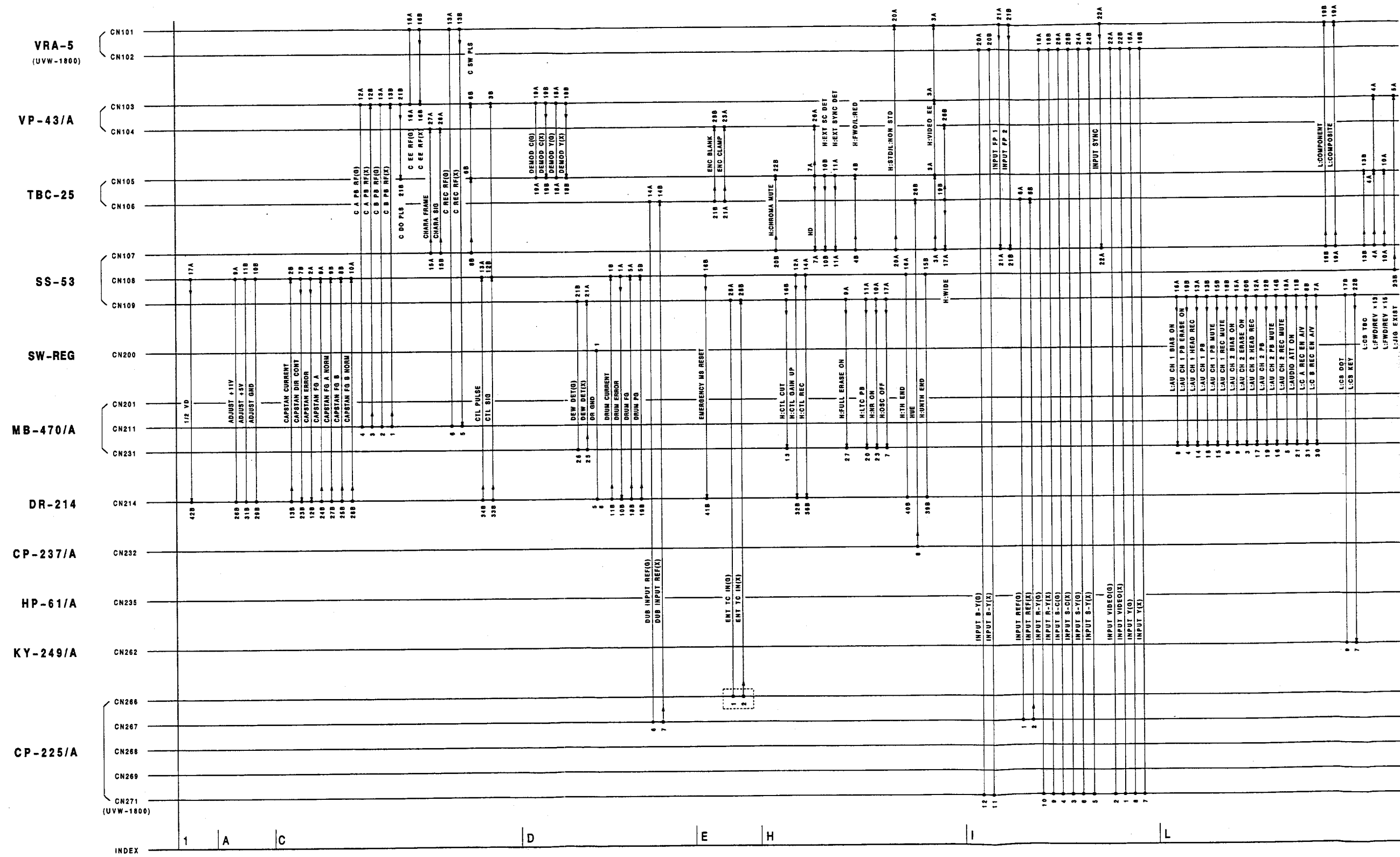
| CN214 | | | |
|------------|-------------------|--------------------|--------------------|
| A | | B | |
| REG GND | 1 | REG GND | 107-28,29,30 |
| REG -5V | 2 | REG -5V | 107-24 |
| UNREG +6V | 3 | UNREG +6V | 107-25 |
| REG +5V | 4 | REG +5V | 107-26,27 |
| DR GND | 5 | DR GND | 200-1 |
| UNREG +12V | 6 | UNREG +12V | 200-8 |
| UNREG +12V | 7 | UNREG +12V | 200-8 |
| UNREG -12V | 8 | UNREG -12V | 200-7 |
| NC | 9 | UNREG -12V | 200-7 |
| NC | 10 | DRUM ERROR | 108-1A |
| NC | 11 | DRUM CURRENT | 108-1B |
| NC | 12 | CAPSTAN ERROR | 108-2A |
| NC | 13 | CAPSTAN CURRENT | 108-2B |
| NC | 14 | S REEL POWER CONT | 108-3A |
| NC | 15 | S REEL ERROR | 108-3B |
| NC | 16 | S REEL CURRENT | 108-4A |
| NC | 17 | SOL CURRENT | 108-4B |
| NC | 18 | DRUM FG | 108-5A |
| NC | 19 | DRUM PG | 108-5B |
| NC | 20 | S REEL FG B | 108-6A |
| NC | 21 | S REEL FG A | 108-6B |
| NC | 22 | L:TAPE END | 108-7A |
| NC | 23 | CAPSTAN DIR CONT | 108-7B |
| NC | 24 | CAPSTAN FG A | 108-8A |
| NC | 25 | CAPSTAN FG B | 108-8B |
| NC | 26 | ADJUST +11V | 108-9A |
| NC | 27 | CAPSTAN FG A NORM | 108-9B |
| NC | 28 | CAPSTAN FG B NORM | 108-10A |
| NC | 29 | ADJUST GND | 108-10B |
| NC | 30 | S TENSION | 108-11A |
| NC | 31 | ADJUST +5V | 108-11B |
| NC | 32 | H:CTL GAIN UP | 108-12A |
| NC | 33 | CTL SIG | 108-12B,103-3B |
| NC | 34 | CTL PULSE | 108-13A |
| NC | 35 | REC CTL | 108-13B |
| NC | 36 | H:CTL REC | 108-14A |
| NC | 37 | L:TAPE TOP | 108-14B |
| NC | 38 | THREADING FG | 108-15A |
| NC | 39 | H:UNTH END | 108-15B |
| NC | 40 | H:TH END | 108-16A |
| NC | 41 | EMERGENCY MS RESET | 108-16B |
| NC | 42 | 1/2 VD | 108-17A |
| NC | 43 | SERVO SCK | 108-17B |
| NC | 44 | SERVO SI | 108-18A |
| NC | 45 | SERVO SO | 108-18B |
| NC | 46 | T REEL FG B | 108-19A |
| NC | 47 | T REEL FG A | 108-19B |
| 108-20A | T REEL POWER CONT | 48 | L:MS BUSY |
| 108-20B | T REEL ERROR | 49 | TH/UNTH POWER CONT |
| 108-21A | T REEL CURRENT | 50 | THREADING ERROR |

CN271...UVW-1800 ONLY

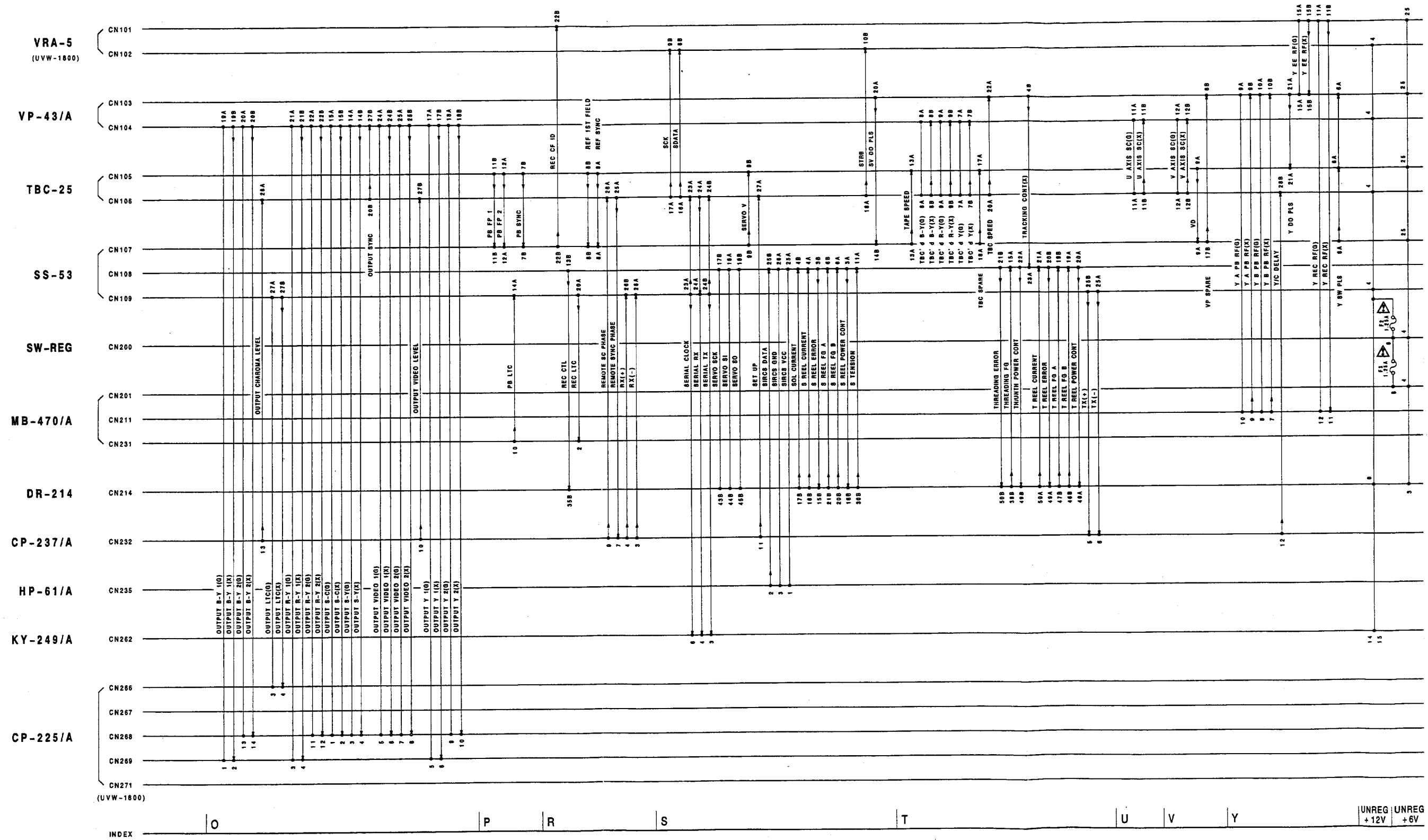
MB-470/470A BOARD (2/4)

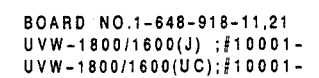
BOARD NO.1-648-918-11,21
UVW-1800/1600(J):#10001-
UVW-1800/1600(UC):#10001-

MB-470/470A(3/4);MOTHER BOARD

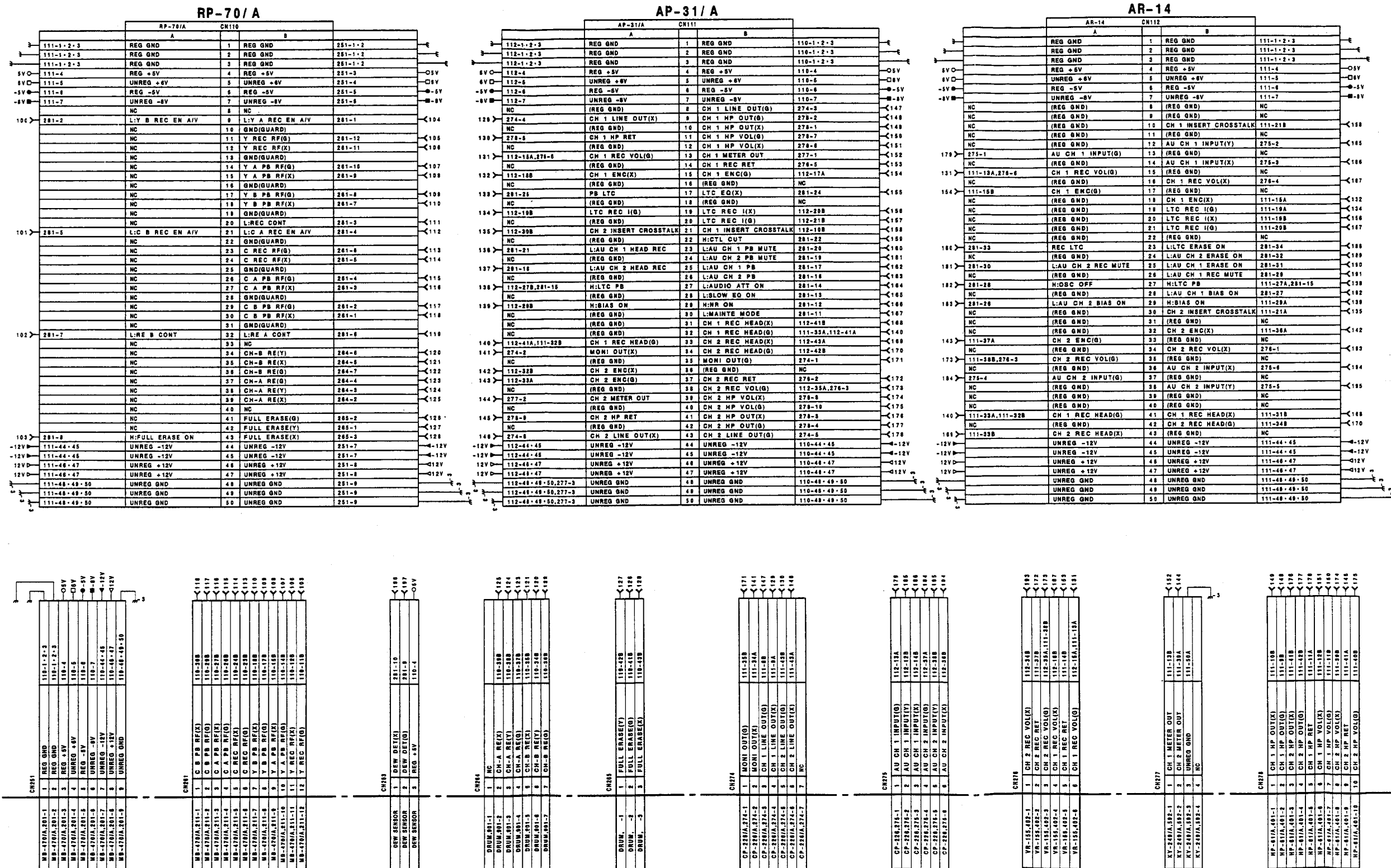


MB-470/470A(4/4);MOTHER BOARD





MB-471/471A(1/2);MOTHER BOARD



AP-31/A

| AP-31/A | | CN111 | |
|--------------------|-----------------------|-------|-----------------------|
| A | | B | |
| 112-1-2-3 | REG GND | 1 | REG GND |
| 112-1-2-3 | REG GND | 2 | REG GND |
| 112-1-2-3 | REG GND | 3 | REG GND |
| 112-4 | REG +5V | 4 | REG +5V |
| 112-5 | UNREG +5V | 5 | UNREG +5V |
| 112-6 | REG -5V | 6 | REG -5V |
| 112-7 | UNREG -5V | 7 | UNREG -5V |
| NC | (REG GND) | 8 | CH 1 LINE OUT(G) |
| 274-4 | CH 1 LINE OUT(X) | 9 | CH 1 HP OUT(G) |
| NC | (REG GND) | 10 | CH 1 HP OUT(X) |
| 274-5 | CH 1 HP RET | 11 | CH 1 HP VOL(G) |
| NC | (REG GND) | 12 | CH 1 HP VOL(X) |
| 112-15A,278-6 | CH 1 REC VOL(G) | 13 | CH 1 METER OUT |
| NC | (REG GND) | 14 | CH 1 REC RET |
| 112-18B | CH 1 ENC(X) | 15 | CH 1 ENC(G) |
| NC | (REG GND) | 16 | (REG GND) |
| 281-25 | PB LTC | 17 | LTC EQ(X) |
| NC | (REG GND) | 18 | (REG GND) |
| 112-19B | LTC REC I(G) | 19 | LTC REC I(X) |
| NC | (REG GND) | 20 | LTC REC I(G) |
| 112-30B | CH 2 INSERT CROSSTALK | 21 | CH 1 INSERT CROSSTALK |
| NC | (REG GND) | 22 | MCTL CUT |
| 281-21 | LIAU CH 1 HEAD REC | 23 | LIAU CH 1 PB MUTE |
| NC | (REG GND) | 24 | LIAU CH 2 PB MUTE |
| 281-18 | LIAU CH 2 HEAD REC | 25 | LIAU CH 1 PB |
| NC | (REG GND) | 26 | LIAU CH 2 PB |
| 112-27B,281-15 | H/LTC PB | 27 | LIAUDIO ATT ON |
| NC | (REG GND) | 28 | L/SLOW EQ ON |
| 112-29B | H-BIAS ON | 29 | H/MR ON |
| NC | (REG GND) | 30 | L/MAINT MODE |
| NC | (REG GND) | 31 | CH 1 REC HEAD(X) |
| NC | (REG GND) | 32 | CH 1 REC HEAD(G) |
| 112-41A,111-32B | CH 1 REC HEAD(G) | 33 | CH 2 REC HEAD(X) |
| 274-2 | MONI OUT(X) | 34 | CH 2 REC HEAD(G) |
| NC | (REG GND) | 35 | MONI OUT(G) |
| 112-32B | CH 2 ENC(X) | 36 | (REG GND) |
| 112-33A | CH 2 ENC(G) | 37 | CH 2 REC RET |
| NC | (REG GND) | 38 | CH 2 REC VOL(G) |
| 277-2 | CH 2 METER OUT | 39 | CH 2 HP VOL(X) |
| NC | (REG GND) | 40 | CH 2 HP VOL(G) |
| 278-9 | CH 2 HP RET | 41 | CH 2 HP OUT(X) |
| NC | (REG GND) | 42 | CH 2 HP OUT(G) |
| 274-8 | CH 2 LINE OUT(X) | 43 | CH 2 LINE OUT(G) |
| 112-44-45 | UNREG -12V | 44 | UNREG -12V |
| 112-44-45 | UNREG -12V | 45 | UNREG -12V |
| 112-46-47 | UNREG +12V | 46 | UNREG +12V |
| 112-46-47 | UNREG +12V | 47 | UNREG +12V |
| 112-48-49-50,277-3 | UNREG GND | 48 | UNREG GND |
| 112-48-49-50,277-3 | UNREG GND | 49 | UNREG GND |
| 112-48-49-50,277-3 | UNREG GND | 50 | UNREG GND |

AR-14

| AR-14 | | CN112 | |
|-----------------|--------------------|-------|-----------------------|
| A | | B | |
| 111-1-2-3 | REG GND | 1 | REG GND |
| 111-1-2-3 | REG GND | 2 | REG GND |
| 111-1-2-3 | REG GND | 3 | REG GND |
| 111-4 | REG +5V | 4 | REG +5V |
| 111-5 | UNREG +5V | 5 | UNREG +5V |
| 111-6 | REG -5V | 6 | REG -5V |
| 111-7 | UNREG -5V | 7 | UNREG -5V |
| NC | (REG GND) | 8 | (REG GND) |
| NC | (REG GND) | 9 | (REG GND) |
| NC | (REG GND) | 10 | CH 1 INSERT CROSSTALK |
| NC | (REG GND) | 11 | (REG GND) |
| NC | (REG GND) | 12 | CH 1 INPUT(Y) |
| 275-1 | AU CH 1 INPUT(G) | 13 | (REG GND) |
| NC | (REG GND) | 14 | AU CH 1 INPUT(X) |
| 111-13A,276-6 | CH 1 REC VOL(G) | 15 | (REG GND) |
| NC | (REG GND) | 16 | CH 1 REC VOL(X) |
| 111-15B | CH 1 ENC(G) | 17 | (REG GND) |
| NC | (REG GND) | 18 | CH 1 ENC(X) |
| NC | (REG GND) | 19 | LTC REC I(G) |
| NC | (REG GND) | 20 | LTC REC I(X) |
| NC | (REG GND) | 21 | LTC REC I(G) |
| NC | (REG GND) | 22 | (REG GND) |
| 281-23 | REC LTC | 23 | L/LTC ERASE ON |
| NC | (REG GND) | 24 | LIAU CH 2 ERASE ON |
| 281-30 | LIAU CH 2 REC MUTE | 25 | LIAU CH 1 ERASE ON |
| NC | (REG GND) | 26 | LIAU CH 1 REC MUTE |
| 281-28 | H/OSC OFF | 27 | H/LTC PB |
| NC | (REG GND) | 28 | LIAU CH 1 BIAS ON |
| 281-28 | LIAU CH 2 BIAS ON | 29 | H-BIAS ON |
| NC | (REG GND) | 30 | CH 2 INSERT CROSSTALK |
| NC | (REG GND) | 31 | (REG GND) |
| NC | (REG GND) | 32 | CH 2 ENC(X) |
| 111-27A | CH 2 ENC(G) | 33 | (REG GND) |
| NC | (REG GND) | 34 | CH 2 REC VOL(X) |
| 111-30B,276-3 | CH 2 REC VOL(G) | 35 | (REG GND) |
| NC | (REG GND) | 36 | AU CH 2 INPUT(X) |
| 275-4 | AU CH 2 INPUT(G) | 37 | (REG GND) |
| NC | (REG GND) | 38 | AU CH 2 INPUT(Y) |
| NC | (REG GND) | 39 | (REG GND) |
| NC | (REG GND) | 40 | (REG GND) |
| 111-33A,111-32B | CH 1 REC HEAD(G) | 41 | CH 1 REC HEAD(X) |
| NC | (REG GND) | 42 | CH 2 REC HEAD(X) |
| 111-33B | CH 2 REC HEAD(X) | 43 | (REG GND) |
| 112-44-45 | UNREG -12V | 44 | UNREG -12V |
| 112-44-45 | UNREG -12V | 45 | UNREG -12V |
| 112-46-47 | UNREG +12V | 46 | UNREG +12V |
| 112-46-47 | UNREG +12V | 47 | UNREG +12V |
| 112-48-49-50 | UNREG GND | 48 | UNREG GND |
| 112-48-49-50 | UNREG GND | 49 | UNREG GND |
| 112-48-49-50 | UNREG GND | 50 | UNREG GND |

CN112,CN264,CN265,CN275,CN276...UVW-1800 ONLY

| | | | | |
|------------|---|------------|---------|---------|
| CN104 | 1 | NC | 110-30B | 110-30B |
| DRUM 801-1 | 2 | CH-A RE(X) | 110-30B | 110-30B |
| DRUM 801-2 | 3 | CH-A RE(Y) | 110-30B | 110-30B |
| DRUM 801-3 | 4 | CH-A RE(G) | 110-30B | 110-30B |
| DRUM 801-4 | 5 | CH-B RE(X) | 110-30B | 110-30B |
| DRUM 801-5 | 6 | CH-B RE(Y) | 110-30B | 110-30B |
| DRUM 801-6 | 7 | CH-B RE(G) | 110-30B | 110-30B |

| | | | | |
|---------|---|---------------|---------|---------|
| CN105 | 1 | FULL ERASE(Y) | 110-30B | 110-30B |
| DRUM -1 | 2 | FULL ERASE(G) | 110-30B | 110-30B |
| DRUM -2 | 3 | FULL ERASE(X) | 110-30B | 110-30B |

| | | | | |
|---------------|---|------------------|---------|---------|
| CN106 | 1 | MONI OUT(G) | 111-32B | 111-32B |
| CP-281A,274-1 | 2 | MONI OUT(X) | 111-32B | 111-32B |
| CP-281A,274-2 | 3 | CH 1 LINE OUT(G) | 111-32B | 111-32B |
| CP-281A,274-3 | 4 | CH 1 LINE OUT(X) | 111-32B | 111-32B |
| CP-281A,274-4 | 5 | CH 1 LINE OUT(G) | 111-32B | 111-32B |
| CP-281A,274-5 | 6 | CH 2 LINE OUT(G) | 111-32B | 111-32B |
| CP-281A,274-6 | 7 | CH 2 LINE OUT(X) | 111-32B | 111-32B |

| | | | | |
|--------------|---|------------------|---------|---------|
| CN107 | 1 | AU CH 1 INPUT(G) | 112-12A | 112-12A |
| CP-282,275-1 | 2 | AU CH 1 INPUT(Y) | 112-12A | 112-12A |
| CP-282,275-2 | 3 | AU CH 1 INPUT(X) | 112-12A | 112-12A |
| CP-282,275-3 | 4 | AU CH 2 INPUT(G) | 112-12A | 112-12A |
| CP-282,275-4 | 5 | AU CH 2 INPUT(Y) | 112-12A | 112-12A |
| CP-282,275-5 | 6 | AU CH 2 INPUT(X) | 112-12A | 112-12A |

| | | | | |
|--------------|---|-----------------|---------|---------|
| CN108 | 1 | CH 2 REC VOL(X) | 112-34B | 112-34B |
| VR-155,402-1 | 2 | CH 2 REC RET | 112-34B | 112-34B |
| VR-155,402-2 | 3 | CH 2 REC VOL(G) | 112-34B | 112-34B |
| VR-155,402-3 | 4 | CH 1 REC RET | 112-34B | 112-34B |
| VR-155,402-4 | 5 | CH 1 REC VOL(G) | 112-34B | 112-34B |
| VR-155,402-5 | 6 | CH 1 REC VOL(X) | 112-34B | 112-34B |

| | | | | |
|---------------|---|----------------|---------|---------|
| CN109 | 1 | CH 1 METER OUT | 111-10B | 111-10B |
| RY-247A,592-1 | 2 | CH 2 METER OUT | 111-10B | 111-10B |
| RY-247A,592-2 | 3 | UNREG GND | 111-10B | 111-10B |
| RY-247A,592-3 | 4 | NC | 111-10B | 111-10B |

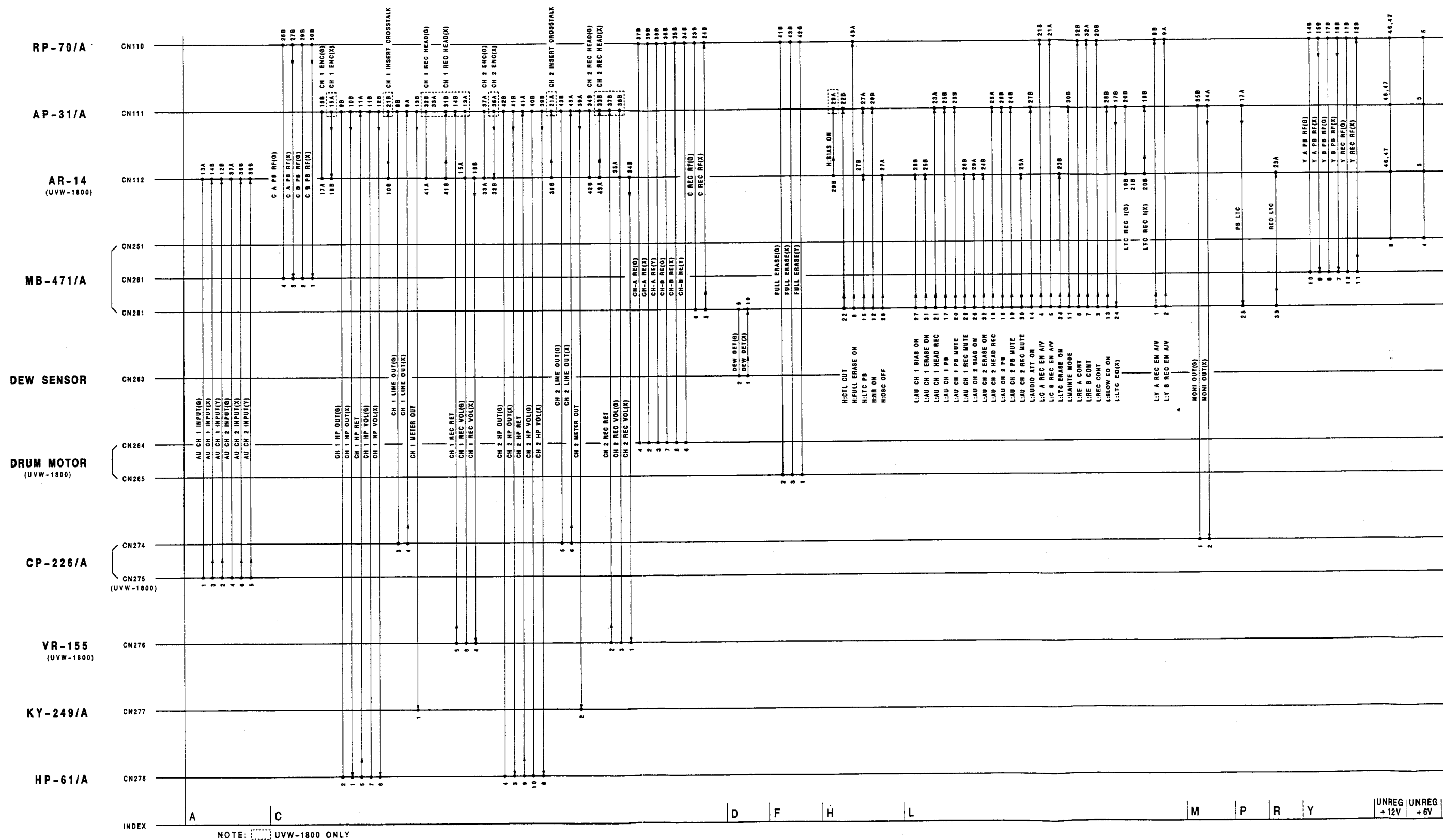
| | | | | |
|---------------|----|----------------|---------|---------|
| CN110 | 1 | CH 1 HP OUT(X) | 111-10B | 111-10B |
| HP-817A,401-1 | 2 | CH 1 HP OUT(G) | 111-10B | 111-10B |
| HP-817A,401-2 | 3 | CH 2 HP OUT(X) | 111-10B | 111-10B |
| HP-817A,401-3 | 4 | CH 2 HP OUT(G) | 111-10B | 111-10B |
| HP-817A,401-4 | 5 | CH 1 HP RET | 111-10B | 111-10B |
| HP-817A,401-5 | 6 | CH 1 HP VOL(X) | 111-10B | 111-10B |
| HP-817A,401-6 | 7 | CH 1 HP VOL(G) | 111-10B | 111-10B |
| HP-817A,401-7 | 8 | CH 2 HP RET | 111-10B | 111-10B |
| HP-817A,401-8 | 9 | CH 2 HP VOL(X) | 111-10B | 111-10B |
| HP-817A,401-9 | 10 | CH 2 HP VOL(G) | 111-10B | 111-10B |

| | | | | |
|----------------|----|--------------------|---------|---------|
| CN111 | 1 | LY A REC EN AIV | 110-30B | 110-30B |
| MB-470A,231-1 | 2 | LY B REC EN AIV | 110-30B | 110-30B |
| MB-470A,231-3 | 3 | LYC CONT | 110-30B | 110-30B |
| MB-470A,231-4 | 4 | LYC A REC EN AIV | 110-30B | 110-30B |
| MB-470A,231-5 | 5 | LYC B REC EN AIV | 110-30B | 110-30B |
| MB-470A,231-6 | 6 | LYC A CONT | 110-30B | 110-30B |
| MB-470A,231-7 | 7 | LYC B CONT | 110-30B | 110-30B |
| MB-470A,231-8 | 8 | HP FULL ERASE ON | 110-30B | 110-30B |
| MB-470A,231-9 | 9 | DEW DET(X) | 110-30B | 110-30B |
| MB-470A,231-10 | 10 | DEW DET(Y) | 110-30B | 110-30B |
| MB-470A,231-11 | 11 | L/MAINT MODE | 110-30B | 110-30B |
| MB-470A,231-12 | 12 | H/MR ON | 110-30B | 110-30B |
| MB-470A,231-13 | 13 | L/SLOW EQ ON | 110-30B | 110-30B |
| MB-470A,231-14 | 14 | L/AUDIO ATT ON | 110-30B | 110-30B |
| MB-470A,231-15 | 15 | M/LTC PB | 110-30B | 110-30B |
| MB-470A,231-16 | 16 | L/AU CH 1 PB | 110-30B | 110-30B |
| MB-470A,231-17 | 17 | L/AU CH 2 PB | 110-30B | 110-30B |
| MB-470A,231-18 | 18 | L/AU CH 1 HEAD REC | 110-30B | 110-30B |
| MB-470A,231-19 | 19 | L/AU CH 2 HEAD REC | 110-30B | 110-30B |
| MB-470A,231-20 | 20 | L/AU CH 1 PB MUTE | 110-30B | 110-30B |
| MB-470A,231-21 | 21 | L/AU CH 2 PB MUTE | 110-30B | 110-30B |
| MB-470A,231-22 | 22 | L/AU CH 1 HEAD REC | 110-30B | 110-30B |
| MB-470A,231-23 | 23 | L/LTC EQ(X) | 110-30B | 110-30B |
| MB-470A,231-24 | 24 | L/LTC EQ(Y) | 110-30B | 110-30B |
| MB-470A,231-25 | 25 | PB LTC | 110-30B | 110-30B |
| MB-470A,231-26 | 26 | L/AU CH 2 BIAS ON | 110-30B | 110-30B |
| MB-470A,231-27 | 27 | L/AU CH 1 BIAS ON | 110-30B | 110-30B |
| MB-470A,231-28 | 28 | H/OSC OFF | 110-30B | 110-30B |
| MB-470A,231-29 | 29 | L/AU CH 1 REC MUTE | 110-30B | 110-30B |
| MB-470A,231-30 | 30 | L/AU CH 2 REC MUTE | 110-30B | 110-30B |
| MB-470A,231-31 | 31 | L/AU CH 1 ERASE ON | 110-30B | 110-30B |
| MB-470A,231-32 | 32 | L/AU CH 2 ERASE ON | 110-30B | 110-30B |
| MB-470A,231-33 | 33 | REC LTC | 110-30B | 110-30B |
| MB-470A,231-34 | 34 | L/LTC ERASE ON | 110-30B | 110-30B |

MB-471/471A BOARD (1/2)

BOARD NO.1-648-919-11.21
UVW-1800/1600(J) :#10001-
UVW-1800/1600(UC):#10001-

MB-471/471A(2/2);MOTHER BOARD

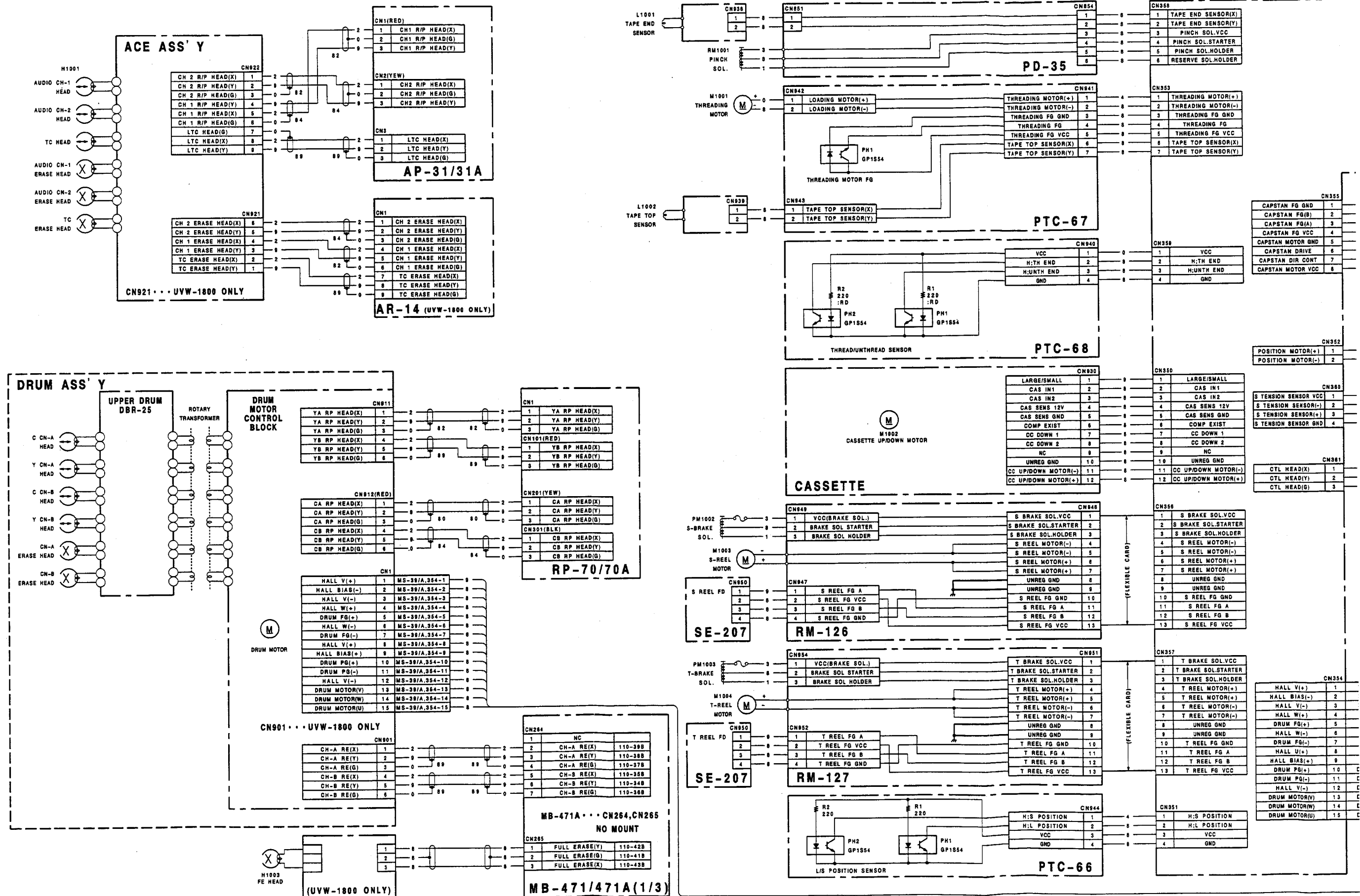




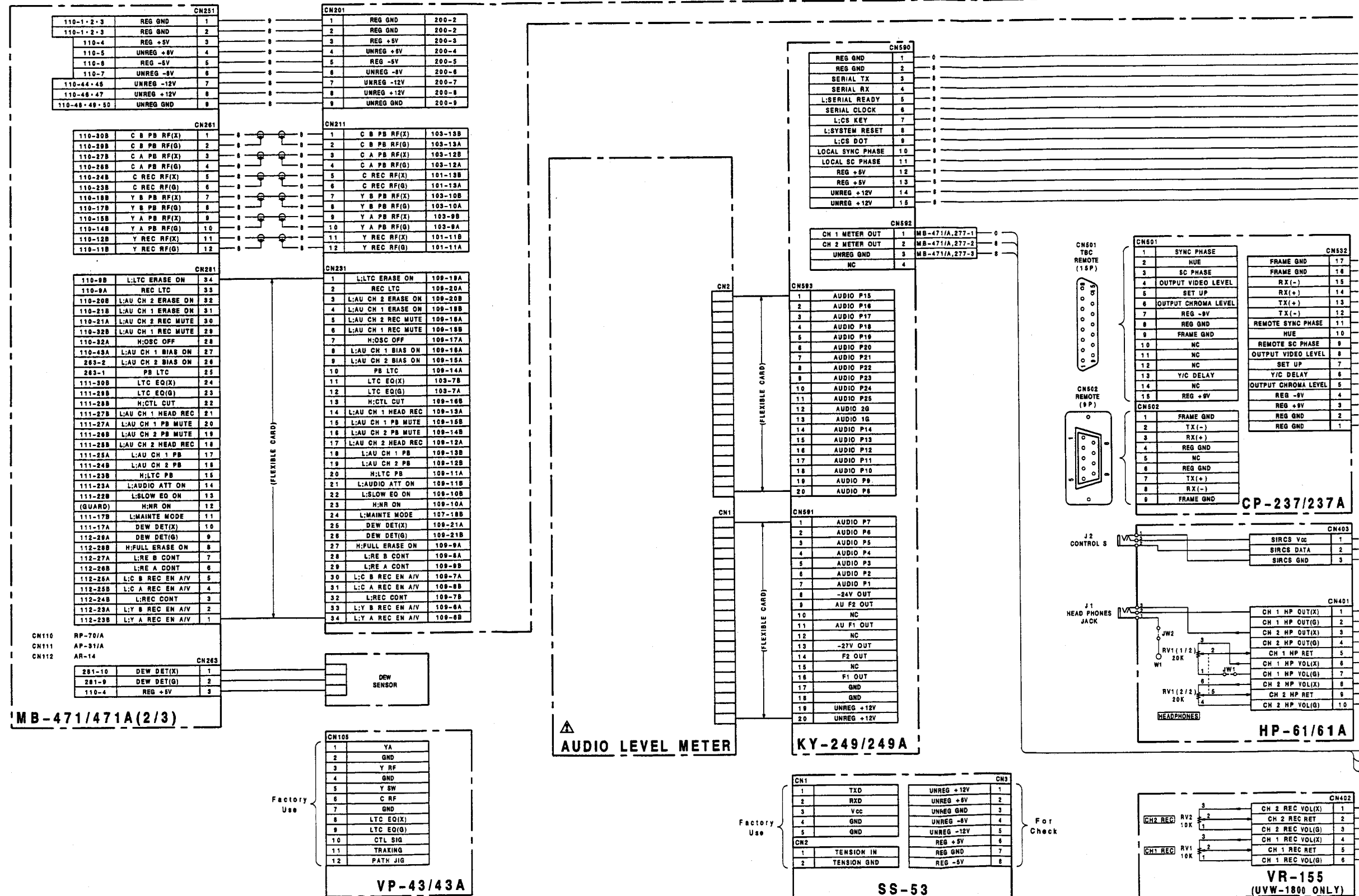
BOARD NO.1-648-919-11,21
UVW-1800/1600(J) ;#10001-
UVW-1800/1600(UC);#10001-

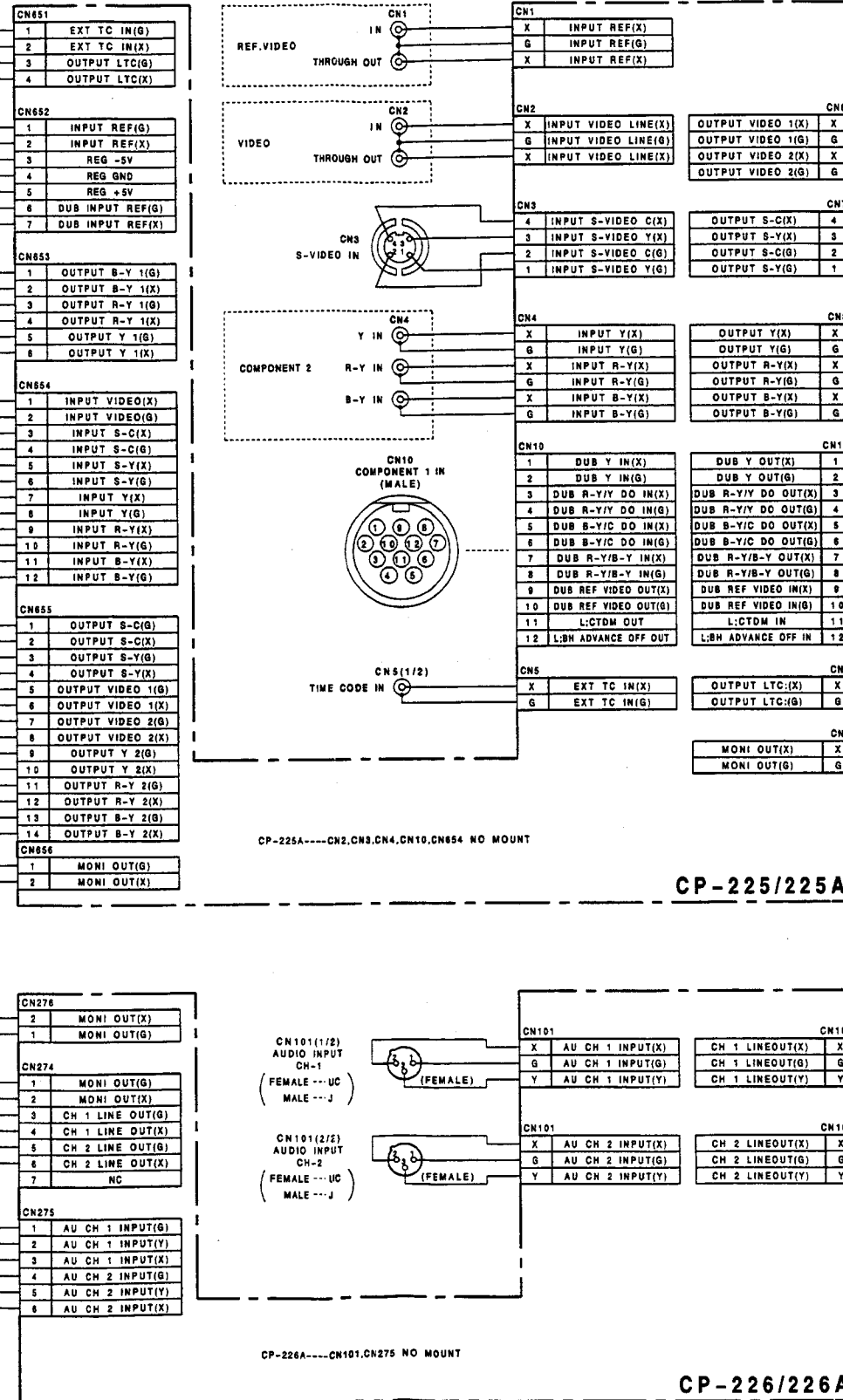
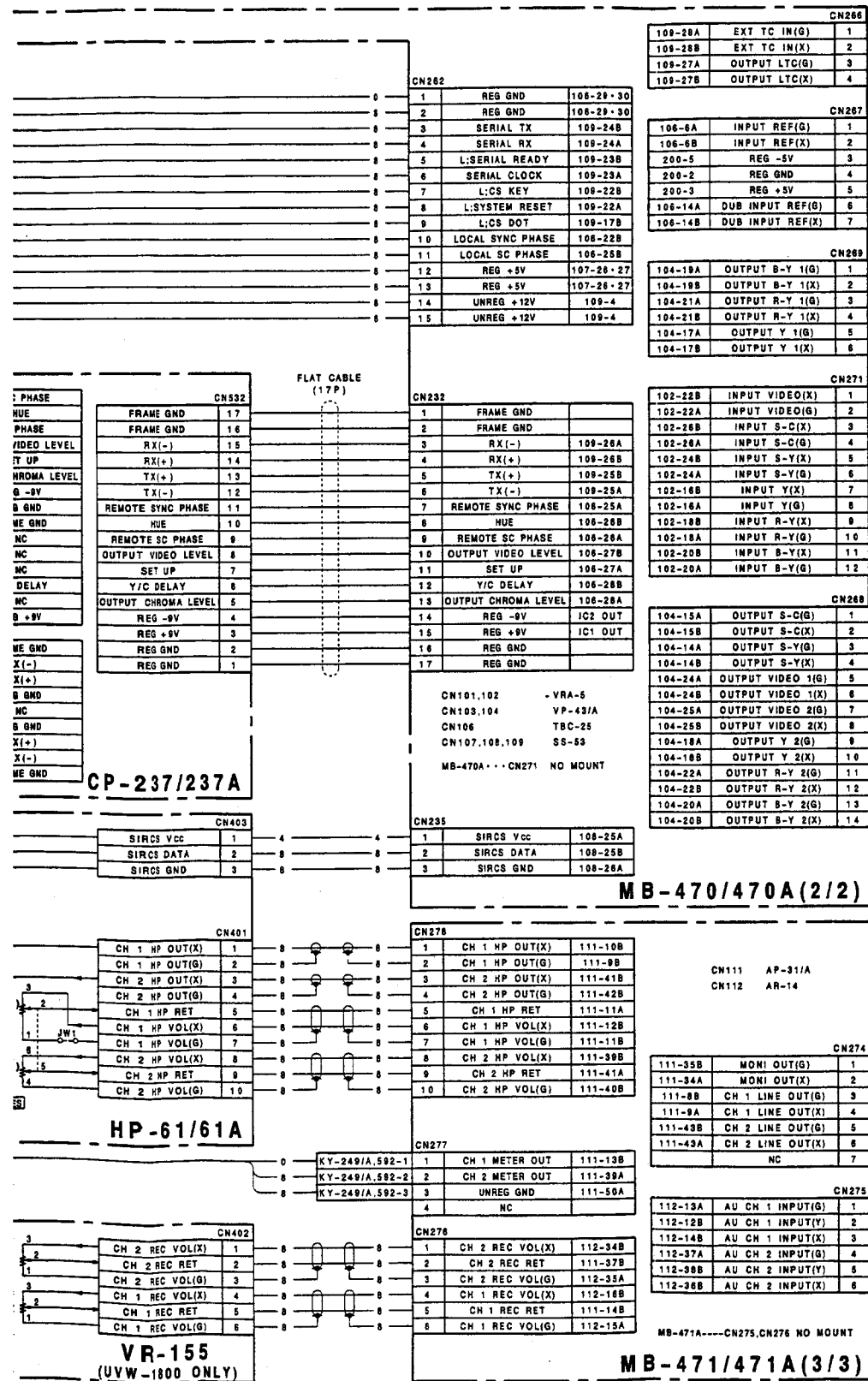
FRAME(1/2)

FRAME(1/2) FRAME(1/2)



FRAME(2/2)





SECTION 17

SEMICONDUCTOR PIN ASSIGNMENTS

この章の図の中には互換性のないダイオード、トランジスタ、ICが併記されていることがあります。部品を交換するときには必ず部品表を参照してください。

等価回路はICメーカーのData Bookに従いました。

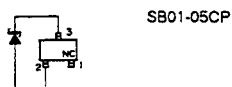
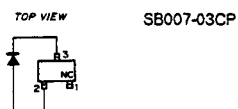
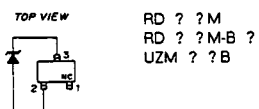
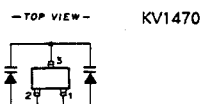
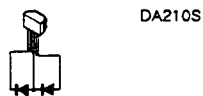
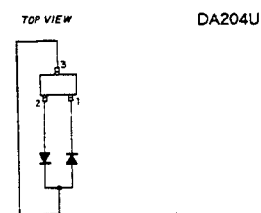
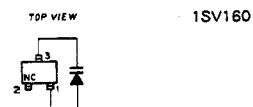
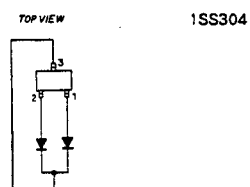
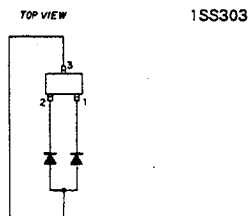
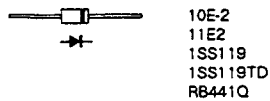
The chart in this section may sometimes show diodes, transistors, and ICs that are not interchangeable. When replacing a component, be sure to refer to the parts list. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

| DIODE | PAGE | TRANSISTOR | PAGE | IC | PAGE | IC | PAGE |
|----------------------|------|-------------------|------|---------------------|-------|--------------------|-------|
| 10E-2 | 17-3 | 2SC2458 | 17-4 | 74F00SJ | 17-6 | M51958A | 17-22 |
| 11E2 | 17-3 | 2SC2655 | 17-4 | | | M54523P | 17-22 |
| | | 2SC2715 | 17-4 | AM27C020-150DC | 17-6 | M54532P | 17-22 |
| 1SS119 | 17-3 | 2SC2715Y | 17-4 | AN77L05 | 17-6 | | |
| 1SS119TD | 17-3 | 2SC2785 | 17-4 | | | MB4002PF | 17-22 |
| 1SS303 | 17-3 | 2SC3012 | 17-4 | BX3914 | 17-6 | MB40568 | 17-23 |
| 1SS304 | 17-3 | 2SC3332 | 17-4 | | | MB88201 | 17-22 |
| 1SV160 | 17-3 | 2SC3399 | 17-4 | CX20188 | 17-7 | MB88342PF | 17-23 |
| 1T33C | 17-3 | 2SC3735 | 17-4 | CX22017 | 17-6 | | |
| | | 2SC4176-B35 | 17-4 | | | MC14051BF | 17-23 |
| DA204U | 17-3 | 2SC4177-L6 | 17-4 | CXA1370Q | 17-8 | MC14052BF | 17-23 |
| DA210S | 17-3 | 2SC4178-F13 | 17-4 | CXA1450M | 17-7 | MC14053BCP | 17-23 |
| | | 2SC4213A | 17-4 | CXA1451M | 17-7 | MC14053BF | 17-23 |
| KV1470 | 17-3 | | | CXA1479Q | 17-8 | MC14066BF | 17-24 |
| | | 2SD1020 | 17-4 | CXA1521M | 17-7 | MC14069UBF | 17-24 |
| RB441Q | 17-3 | 2SD1021 | 17-4 | | | MC14576BF | 17-24 |
| RD??M | 17-3 | 2SD2136 | 17-4 | CXD1095Q | 17-9 | MC34051M | 17-24 |
| RD??M-B? | 17-3 | 2SD596-DV5 | 17-4 | CXD1151Q | 17-10 | MC68HC05C8 | 17-24 |
| | | 2SD773 | 17-4 | CXD1171M | 17-9 | MC74HC173F | 17-25 |
| SB007-03CP | 17-3 | 2SD788 | 17-4 | CXD1175AM | 17-11 | MC74HC4002F | 17-25 |
| SB01-05CP | 17-3 | | | CXD1216M | 17-11 | MC74HC4024N | 17-25 |
| | | 2SJ106 | 17-4 | CXD2202Q | 17-12 | MC74HC4538AN | 17-26 |
| UZM??B | 17-3 | 2SJ226 | 17-5 | CXD2207Q | 17-13 | | |
| | | | | CXD8161AQ | 17-16 | MS6264CLL-10FC ... | 17-25 |
| LED | | 2SK209 | 17-5 | CXD8165Q | 17-15 | | |
| | | 2SK852-X2 | 17-5 | CXD8176AQ | 17-14 | NJM2068DD | 17-26 |
| GL480 | 17-3 | 2SK94-X4 | 17-5 | CXD8243AM | 17-14 | NJM2903D | 17-19 |
| | | | | CXD8310M | 17-10 | NJM360M | 17-26 |
| MISCELLANEOUS | | DTA123JU | 17-5 | CXD8313Q | 17-18 | NJM4556M-A | 17-26 |
| | | DTA144EU | 17-5 | | | NJM4558D-D | 17-26 |
| DM-230 | 17-3 | | | CXK48324Q | 17-16 | NJM4558D-FA | 17-26 |
| GP1A30R | 17-3 | DTC144ES | 17-4 | HD6435348RA00F | 17-20 | NJM4558M | 17-26 |
| | | DTC144EU | 17-5 | | | NJM78L09A | 17-26 |
| TRANSISTOR | | | | L78M09T-FA | 17-19 | NJM78M09FA | 17-26 |
| | | FMS2 | 17-5 | | | NJM79L05A | 17-26 |
| 2SA1020 | 17-3 | FMW2 | 17-5 | L79M05T-FA | 17-19 | NJM79L09A | 17-26 |
| 2SA1115 | 17-3 | FMW7 | 17-5 | L79M09T-FA | 17-19 | NJM79M09FA | 17-27 |
| 2SA1141 | 17-3 | FMW8 | 17-5 | | | | |
| 2SA1150 | 17-3 | FMY3 | 17-5 | LA7205 | 17-19 | PQ05SZ51 | 17-19 |
| 2SA1175 | 17-3 | | | | | PQ30RV1 | 17-27 |
| 2SA1232 | 17-3 | IMX1 | 17-5 | LB1620 | 17-20 | | |
| 2SA1319 | 17-3 | | | | | SC14S66FEL | 17-27 |
| 2SA1610 | 17-3 | PT480 | 17-5 | LM1881M | 17-19 | SC7S04F | 17-27 |
| 2SA1611 | 17-3 | | | LM2903P | 17-19 | SC7S32F | 17-27 |
| | | | | LM2903PS | 17-19 | | |
| 2SB1094 | 17-4 | | | LM311PS | 17-19 | SN74HC00AN | 17-27 |
| 2SB1416 | 17-4 | | | LM358P | 17-19 | SN74HC00ANS | 17-27 |
| 2SB733 | 17-4 | | | | | SN74HC04ANS | 17-27 |
| 2SB733-34 | 17-4 | | | | | SN74HC08AN | 17-27 |
| 2SB810 | 17-4 | | | M51957BFP | 17-22 | SN74HC08ANS | 17-27 |
| 2SB941 | 17-4 | | | M51957BL | 17-22 | SN74HC10ANS | 17-28 |

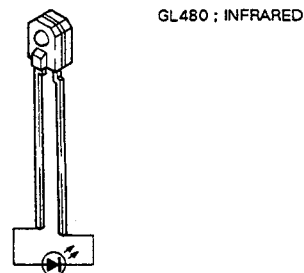
SEMICONDUCTOR INDEX

| IC | PAGE |
|--------------------|-------|
| SN74HC11ANS | 17-28 |
| SN74HC138ANS | 17-28 |
| SN74HC157ANS | 17-28 |
| SN74HC161AN | 17-28 |
| SN74HC164ANS | 17-28 |
| SN74HC192NS | 17-29 |
| SN74HC266ANS | 17-29 |
| SN74HC27ANS | 17-29 |
| SN74HC32ANS | 17-29 |
| SN74HC541ANS | 17-29 |
| SN74HC7266NS | 17-29 |
| SN74HC74AN | 17-29 |
| SN74HC74ANS | 17-29 |
| SN74HC86ANS | 17-30 |
| SN74HCU04AN | 17-27 |
| SN74HCU04ANS | 17-27 |
| SN74LS221NS | 17-30 |
| SRM2016M10 | 17-30 |
| TA7267P | 17-30 |
| TA78L09S | 17-26 |
| TC5081AP | 17-31 |
| TC74HC123AF | 17-31 |
| TC74HC191AF | 17-31 |
| TC74HC221AF | 17-30 |
| TC7S04F | 17-27 |
| TC7S08F | 17-31 |
| TC7S32F | 17-27 |
| TL062CPS | 17-31 |
| TL082CPS | 17-31 |
| TL084CNS | 17-31 |
| TL431CLP | 17-32 |
| UPC324G2 | 17-32 |
| UPC358C | 17-19 |
| UPC358G2 | 17-19 |
| UPC4557C | 17-32 |
| UPC4570C | 17-32 |
| UPC4570G2 | 17-32 |
| UPC4574G2 | 17-32 |
| UPC78L05T | 17-32 |
| UPD4053BC | 17-23 |
| UPD42101C-3 | 17-32 |
| UPD42101G-3 | 17-32 |
| UPD6453GT | 17-33 |
| UPD70320GJ-8 | |
| -5BG | 17-36 |
| UPD75028GC | 17-34 |
| UPD75048CW | 17-35 |

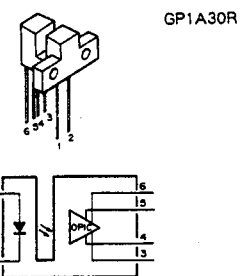
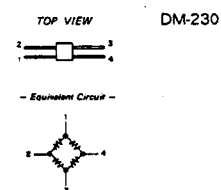
DIODE



LED

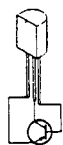


MISCELLANEOUS



TRANSISTOR

TRANSISTOR



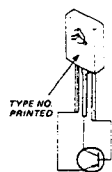
2SA1020



2SA1115
2SA1150

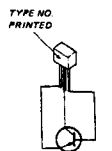


2SA1141

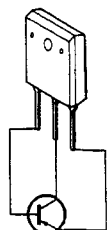


TYPE NO.
PRINTED

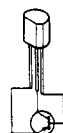
2SA1175
2SB810



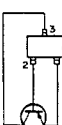
2SA1232



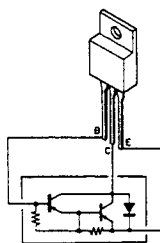
2SA1319



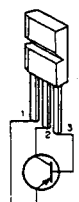
TOP VIEW



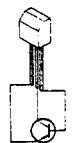
2SA1610
2SA1611



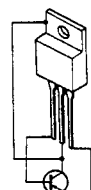
2SB1094



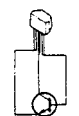
2SB1416



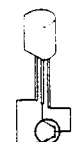
2SB733
2SB733-34



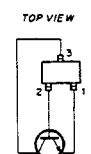
2SB941



2SC2458

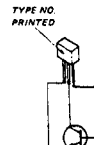


2SC2655
2SD788



TOP VIEW

2SC2715
2SC2715Y
2SC3735
2SC4176-B35
2SC4177-L6
2SC4178-F13
2SC4213A
2SD596-DV5



TYPE NO.
PRINTED

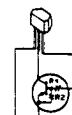
2SC2785
2SD1020
2SD1021



2SC3012



2SC3332



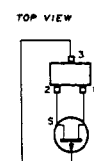
2SC3399 (R1 = 47K, R2 = 47K)
DTC144ES (R1 = 47K, R2 = 47K)



2SD2136

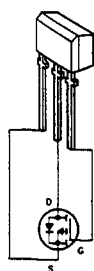


2SD773



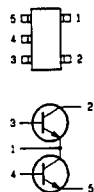
TOP VIEW

2SJ106



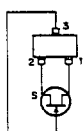
2SJ226

TOP VIEW



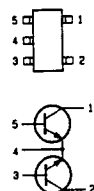
FMW7

TOP VIEW



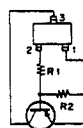
2SK209
2SK852-X2
2SK94-X4

TOP VIEW



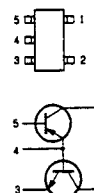
FMW8

TOP VIEW



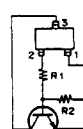
DTA123JU (R1 = 2.2K, R2 = 47K)
DTA144EU (R1 = 47K, R2 = 47K)

TOP VIEW



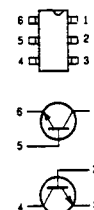
FMY3

TOP VIEW



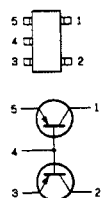
DTC144EU (R1 = 47K, R2 = 47K)

- TOP VIEW -



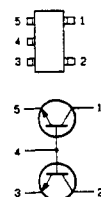
IMX1

TOP VIEW



FMS2

TOP VIEW



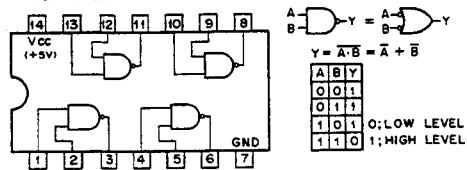
FMW2



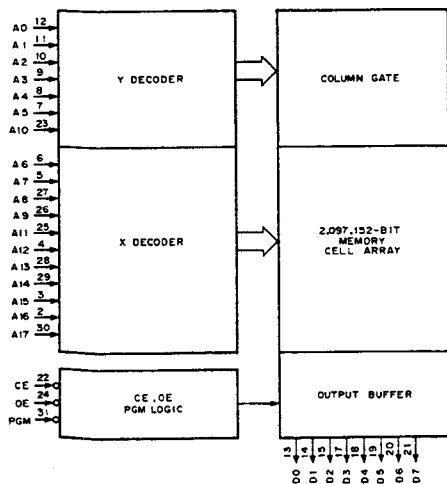
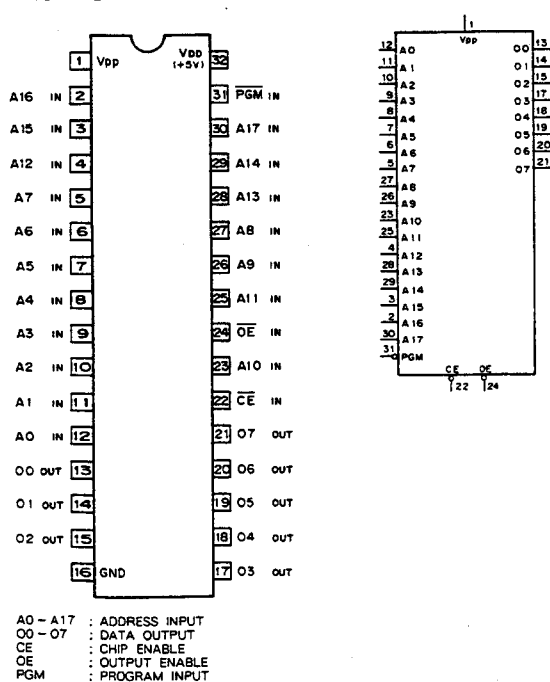
PT480



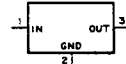
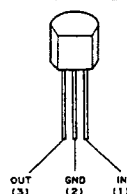
74F00SJ (NS) FLAT PACKAGE
TTL 2-INPUT POSITIVE-NAND GATE
- TOP VIEW -



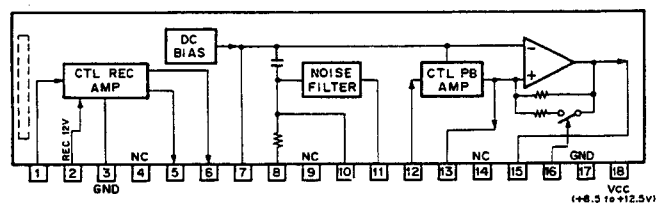
AM27C020-150DC (AMD)
C-MOS 2M (262,144x8)-BIT UV ERASABLE PROM
- TOP VIEW -



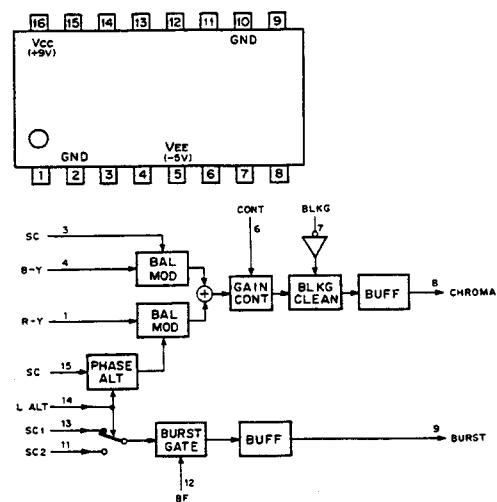
AN77L05 (PANASONIC) +5V
POSITIVE VOLTAGE REGULATOR
- FRONT VIEW -



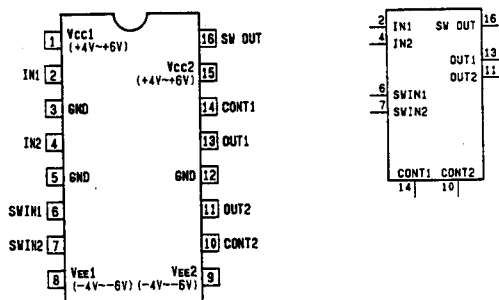
BX3914 (SONY)
CTL REC/PB AMPLIFIER
- PRINTED SIDE -



CX22017 (SONY)
VIDEO SIGNAL PROCESSOR
- TOP VIEW -

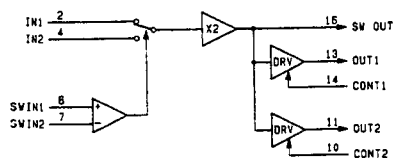


CXA1451M (SONY)
WIDEBAND VIDEO SWITCH
- TOP VIEW -

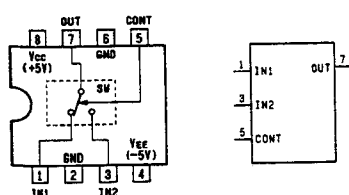


INPUT
CONT1, 2 : POWER SAVE CONTROL PIN OF DRV.1 AND DRV.2
INT1, 2 : 1/2-CHANNEL INPUT PIN
SWIN1, 2 : IN1/IN2 PINS SWITCH CONTROL PIN

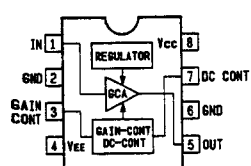
OUTPUT
OUT1, 2 : OUTPUT PIN OF DRV.1/2
SWOUT : OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN SELECTED BY SWITCH.



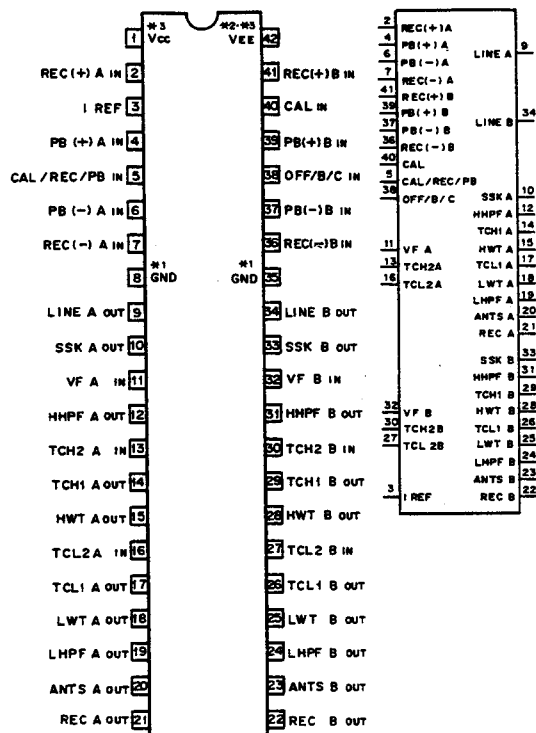
CXA1450M (SONY) FLAT PACKAGE
VIDEO SIGNAL SWITCH
- TOP VIEW -



CXA1521M (SONY)
GAIN CONTROL AMP
- TOP VIEW -

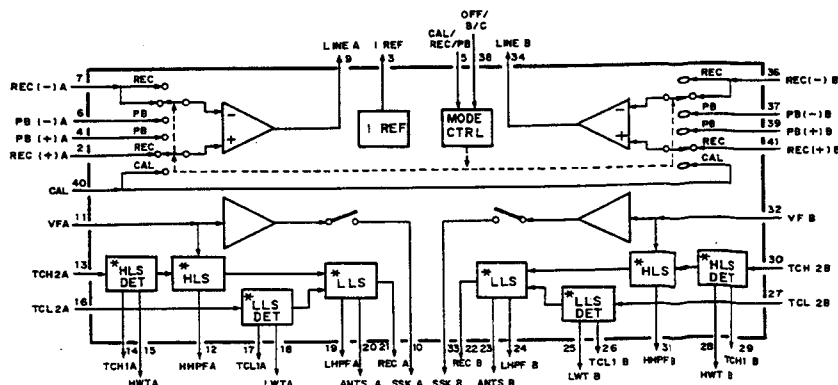


CX20188 (SONY)
DOLBY B TYPE AND C TYPE, NOISE REDUCTION SYSTEM
- TOP VIEW -



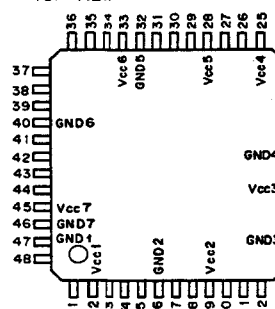
*1 : ONE POWER → Vcc/2. TWO POWER → GND
*2 : ONE POWER → GND. TWO POWER → Vcc
*3 : Vcc - Vee : +8 to +21V

ANTS : ANTI SATURATION
CAL : CALIBRATION
CAL/REC/PB : CALIBRATION/REC/ PB SELECT
HMPF : HLS HIGH PASS FILTER
HWT : HLS WAITING
I REF : REFERENCE SOURCE CURRENT
LHPF : LLS HIGH PASS FILTER
LWT : LLS WAITING
OFF/B/C : DOLBY NR OFF/B-TYPE/C-TYPE SELECT
SSK : SPECTRAL SKEWING SWITCH
TCH : HLS DETECTOR TIME CONSTANT
TCL : LLS DETECTOR TIME CONSTANT
VF : ENCODE INPUT
*HLS : HIGH LEVEL STAGE
*LLS : LOW LEVEL STAGE



CX1370Q (SONY)

DEMODULATOR/OVER MODULATION COMPENSATOR
- TOP VIEW -



| (Vcc = +5V) | | | | | | | | | | | |
|-------------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
| 1 | O | OMC | 13 | I | DRPV | 25 | - | Vcc4 | 37 | I | SHREF |
| 2 | - | Vcc1 | 14 | - | GND3 | 26 | O | DEMCV | 38 | I | SHAPL |
| 3 | O | MYDC | 15 | O | BBO | 27 | I | VDGAIN | 39 | I | SHCLP |
| 4 | I | LMT2 | 16 | O | BAO | 28 | - | Vcc5 | 40 | - | GND6 |
| 5 | I | LMT1 | 17 | - | Vcc3 | 29 | I | IEXT2 | 41 | I | LM2IN1 |
| 6 | - | GND2 | 18 | O | SWO | 30 | I | VIIN | 42 | I | LM2IN2 |
| 7 | I | HFX | 19 | - | GND4 | 31 | I | IEXT1 | 43 | I | LM1IN1 |
| 8 | I | LDO | 20 | I | SW3 | 32 | - | GND5 | 44 | I | LM1IN2 |
| 9 | - | Vcc2 | 21 | I | SWC1 | 33 | - | Vcc6 | 45 | - | Vcc7 |
| 10 | O | DMRC | 22 | I | SW2 | 34 | O | SHO | 46 | - | GND7 |
| 11 | O | FDEDC | 23 | I | SWC2 | 35 | O | SHC | 47 | - | GND1 |
| 12 | I | DMGAIN | 24 | I | SW1 | 36 | I | SHVIN | 48 | I | REFV |

Vcc1, GND1: FOR OVER MODULATION COMPENSATOR

Vcc2, GND2: FOR DEMODULATOR

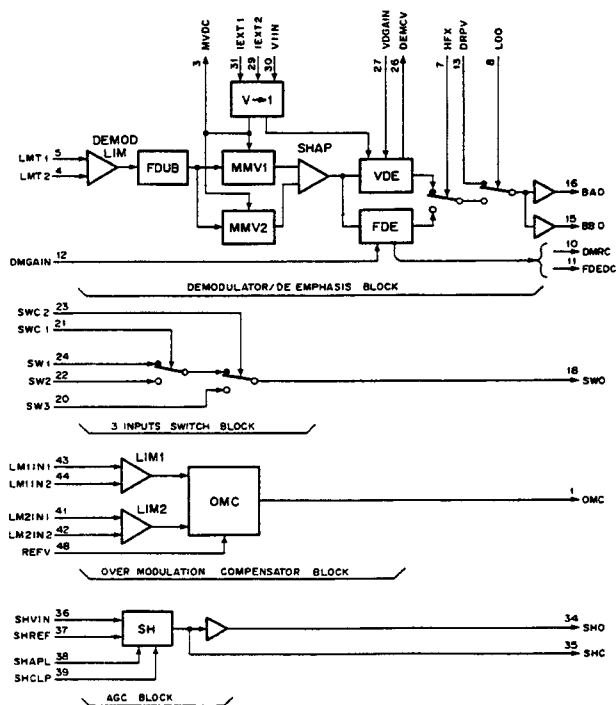
Vcc3, GND3: FOR BUFFER

Vcc4, GND4: FOR 3 INPUT SWITCH

Vcc5, GND5: FOR DEMODULATOR

Vcc6, GND6: FOR SAMPLE HOLD

Vcc7, GND7: FOR LIMITER



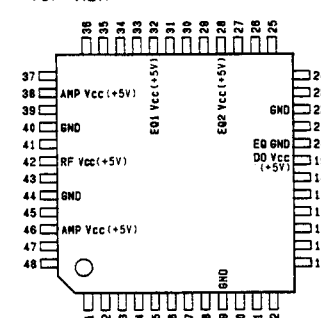
| | | | |
|----|--------|----|-------|
| 5 | LMT1 | 16 | BAO |
| 4 | LMT2 | 15 | BBO |
| 31 | IEXT1 | | |
| 29 | IEXT2 | | |
| 30 | VIIN | | |
| 27 | VDGAIN | 26 | DEMCV |
| 12 | DMGAIN | 10 | DMRC |
| 13 | DRPV | 11 | FDEDC |
| 7 | HFX | 3 | MYDC |
| 8 | LDO | | |
| 43 | LM1IN1 | 1 | OMC |
| 44 | LM1IN2 | | |
| 41 | LM2IN1 | | |
| 42 | LM2IN2 | | |
| 48 | REFV | | |
| 36 | SHVIN | 34 | SHO |
| 37 | SHREF | 35 | SHC |
| 38 | SHAPL | | |
| 39 | SHCLP | | |
| 24 | SW1 | 18 | SWO |
| 22 | SW2 | | |
| 20 | SW3 | | |
| 21 | SWC1 | | |
| 23 | SWC2 | | |

INPUT
DMGAIN : FOR RESISTOR
DRPV : VIDEO SIGNAL
HFX : SWITCH CONTROL
IEXT1, 2 : FOR RESISTOR
LM1, 2 : OVER MODULATION COMPENSATE LIMITER
LMT1, 2 : DEMODULATE LIMITER
LDO : SWITCH CONTROL
REFV : REFERENCE VOLTAGE
SHAPL : FOR RESISTOR
SHCLP : SAMPLE HOLD PULSE
SHREF : SAMPLE HOLD REFERENCE VOLTAGE
SHVIN : SAMPLE HOLD DEMODULATE VIDEO
SW1 - 3 : 3 INPUT SWITCH
SWC1, 2 : 3 INPUT SWITCH CONTROL
VDGAIN : GAIN CONTROL VOLTAGE
VIIN : V-1 CONTROL VOLTAGE

OUTPUT
BAO, BBO : DEMODULATOR
DEMCV : VARIABLE DEEMPHASIS CONSTANT
DMRC : FIXED DEEMPHASIS CONSTANT
FDEDC : FIXED DEEMPHASIS DECOUPLING
MYDC : MONOMULTI DECOUPLING
OMC : OVER MODULATION COMPENSATOR
SHC : SAMPLE HOLD CAPACITY
SHO : SAMPLE HOLD
SWO : 3 INPUT SWITCH

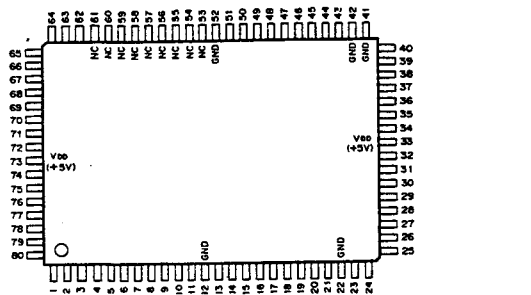
CX1479Q (SONY)

PB RF SIGNAL PROCESSOR FOR VTR
- TOP VIEW -



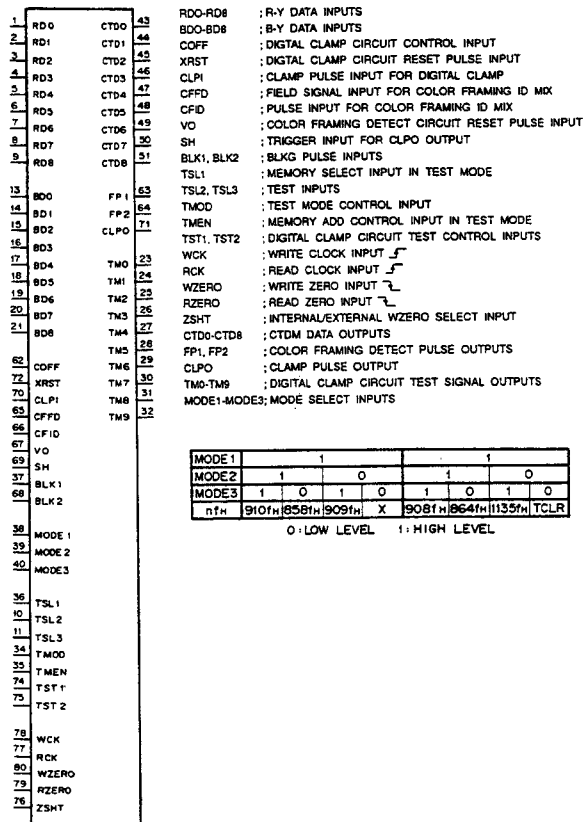
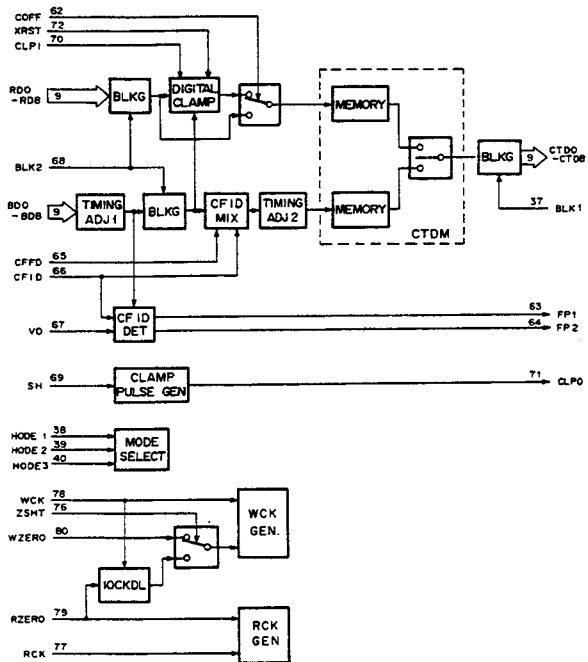
| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|-----------|---------|-----|--------------|---------|-----|--------------|---------|-----|-----------|
| 1 | I | CHSW CONT | 13 | I | OFF SET1 | 25 | I | EQ2(A)IN | 37 | O | AB RF OUT |
| 2 | I | OFF SET2 | 14 | I | IN A | 26 | I | EQ2(MAIN)CNT | 38 | - | AMP Vcc |
| 3 | O | AOR OUT | 15 | I | EQSEL | 27 | I | EQ2(B)IN | 39 | I | RF(A)IN |
| 4 | I | ENV(B) | 16 | I | IN B | 28 | - | EQ2 Vcc | 40 | - | GND |
| 5 | I | ENV(A) | 17 | - | DCPL1 | 29 | O | EQ1 OUT | 41 | I | RF(B)IN |
| 6 | O | TH OUT | 18 | O | DO EQ | 30 | I | EQ1 CONT | 42 | - | RF Vcc |
| 7 | I | TH CONT | 19 | - | DO Vcc | 31 | I | EQ1(B)IN | 43 | I | RF(C)IN |
| 8 | O | DO OUT | 20 | - | EQ GND | 32 | - | EQ1 Vcc | 44 | - | GND |
| 9 | O | REF | 21 | O | EQ2(MAIN)OUT | 33 | I | EQ1(A)IN | 45 | I | RF(D)IN |
| 10 | I | ENV IN | 22 | - | GND | 34 | I | GAIN CNT | 46 | - | AMP Vcc |
| 11 | O | DET OUT2 | 23 | O | EQ2(SUB)OUT | 35 | O | SWD RF | 47 | O | CD RF OUT |
| 12 | O | DET OUT1 | 24 | I | EQ2(SUB)CNT | 36 | I | RF LEVEL | 48 | I | MODE CONT |

CXD1151Q (SONY)

CMOS VIDEO SIGNAL PROCESSOR FOR BETACAM
- TOP VIEW -

PIN ASSIGNMENT

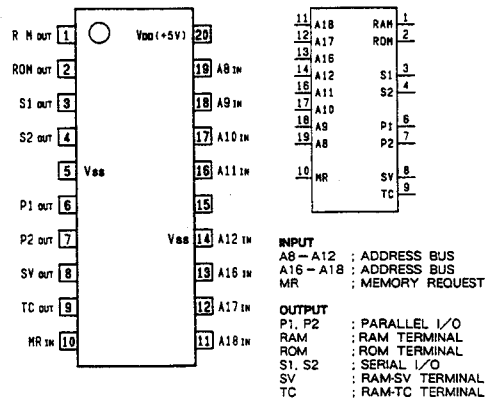
| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|-----------|---------|-----|-----------|---------|-----|-----------|---------|-----|-----------|
| 1 | I | RDO | 21 | I | BDB | 41 | - | NC | 61 | - | NC |
| 2 | I | RD1 | 22 | - | VSS (GND) | 42 | - | VSS (GND) | 62 | I | COFF |
| 3 | I | RD2 | 23 | O | TMO | 43 | O | CTD0 | 63 | I | FP1 |
| 4 | I | RD3 | 24 | O | TM1 | 44 | O | CTD1 | 64 | I | FP2 |
| 5 | I | RD4 | 25 | O | TM2 | 45 | O | CTD2 | 65 | I | CFD0 |
| 6 | I | RD5 | 26 | O | TM3 | 46 | O | CTD3 | 66 | I | CFID |
| 7 | I | RD6 | 27 | O | TM4 | 47 | O | CTD4 | 67 | I | VO |
| 8 | I | RD7 | 28 | O | TM5 | 48 | O | CTD5 | 68 | I | BLK2 |
| 9 | I | RD8 | 29 | O | TM6 | 49 | O | CTD6 | 69 | I | SH |
| 10 | I | TSL2 | 30 | O | TM7 | 50 | O | CTD7 | 70 | I | CLP1 |
| 11 | I | TSL3 | 31 | O | TM8 | 51 | O | CTD8 | 71 | O | CLP0 |
| 12 | - | VSS (GND) | 32 | O | TM9 | 52 | - | VSS (GND) | 72 | I | XRST |
| 13 | I | BDO | 33 | I | VDD (+5V) | 53 | - | NC | 73 | I | VDD (+5V) |
| 14 | I | BD1 | 34 | I | TMOD | 54 | - | NC | 74 | I | TST1 |
| 15 | I | BD2 | 35 | I | TMEN | 55 | - | NC | 75 | I | TST2 |
| 16 | I | BD3 | 36 | I | TSL1 | 56 | - | NC | 76 | I | ZSH |
| 17 | I | BD4 | 37 | I | BLK1 | 57 | - | NC | 77 | I | RCK |
| 18 | I | BD5 | 38 | I | MODE1 | 58 | - | NC | 78 | I | WCK |
| 19 | I | BD6 | 39 | I | MODE2 | 59 | - | NC | 79 | I | RZERO |
| 20 | I | BD7 | 40 | I | MODE3 | 60 | - | NC | 80 | I | WZERO |



| MODE1 | MODE2 | MODE3 | MODE4 | MODE5 | MODE6 | MODE7 | MODE8 | MODE9 | MODE10 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |

0: LOW LEVEL 1: HIGH LEVEL

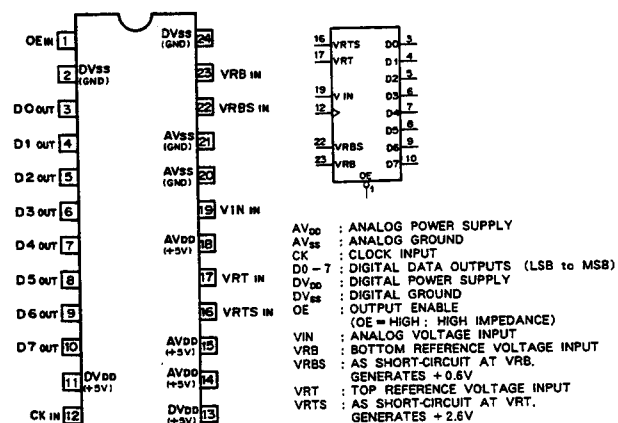
CXD8310M (SONY)

CMOS GATE ARRAY
- TOP VIEW -

INPUT
A8 - A12 : ADDRESS BUS
A16 - A18 : ADDRESS BUS
MR : MEMORY REQUEST

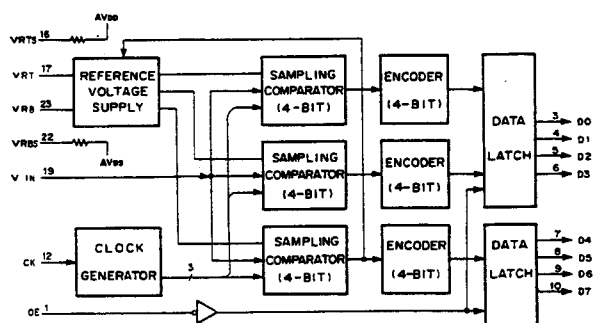
OUTPUT
P1, P2 : PARALLEL I/O
RAM : RAM TERMINAL
ROM : ROM TERMINAL
S1, S2 : SERIAL I/O
SV : RAM-SV TERMINAL
TC : RAM-TC TERMINAL

CXD1175AM (SONY) FLAT PACKAGE
C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
- TOP VIEW -

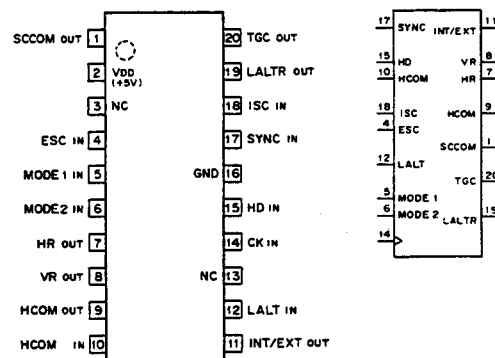


| STEP | INPUT SIGNAL VOLTAGE | DATA OUTPUTS | | | | | | | |
|------|-------------------------|--------------|-----|-----|-----|-----|-----|-----|-----|
| | | D7 | D6 | D5 | D4 | D3 | D2 | D1 | D0 |
| 0 | 0V (VRT) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 0.01V | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 127 | 1.34V | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | 1.35V | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 255 | 2.7V (VRB) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

0 : LOW LEVEL
1 : HIGH LEVEL

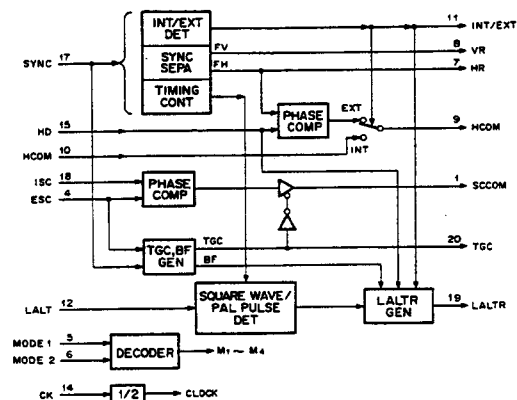


CXD1216M (SONY) FLAT PACKAGE
C-MOS GENLOCK DRIVER
- TOP VIEW -



| INPUT | | MODE | SYSTEM |
|-------|-------|------|--------------------------|
| MODE1 | MODE2 | | |
| 0 | 0 | M1 | PAL-VBS |
| 1 | 0 | M2 | PALM-VBS |
| 0 | 1 | M3 | PALSECAM-VS/SC/LALT |
| 1 | 1 | M4 | NTSC-VBS/NTSC-VS/SC/LALT |

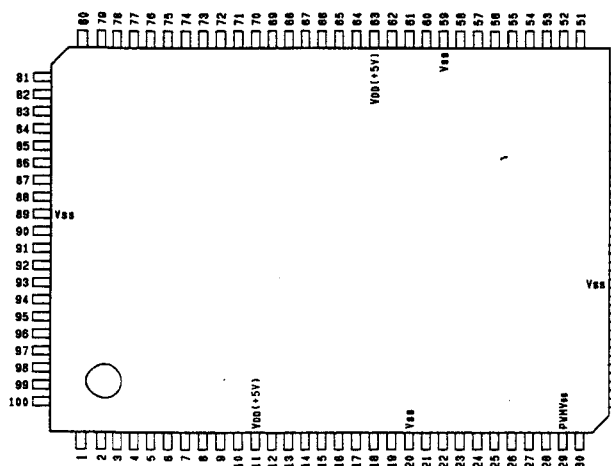
0 : LOW LEVEL
1 : HIGH LEVEL



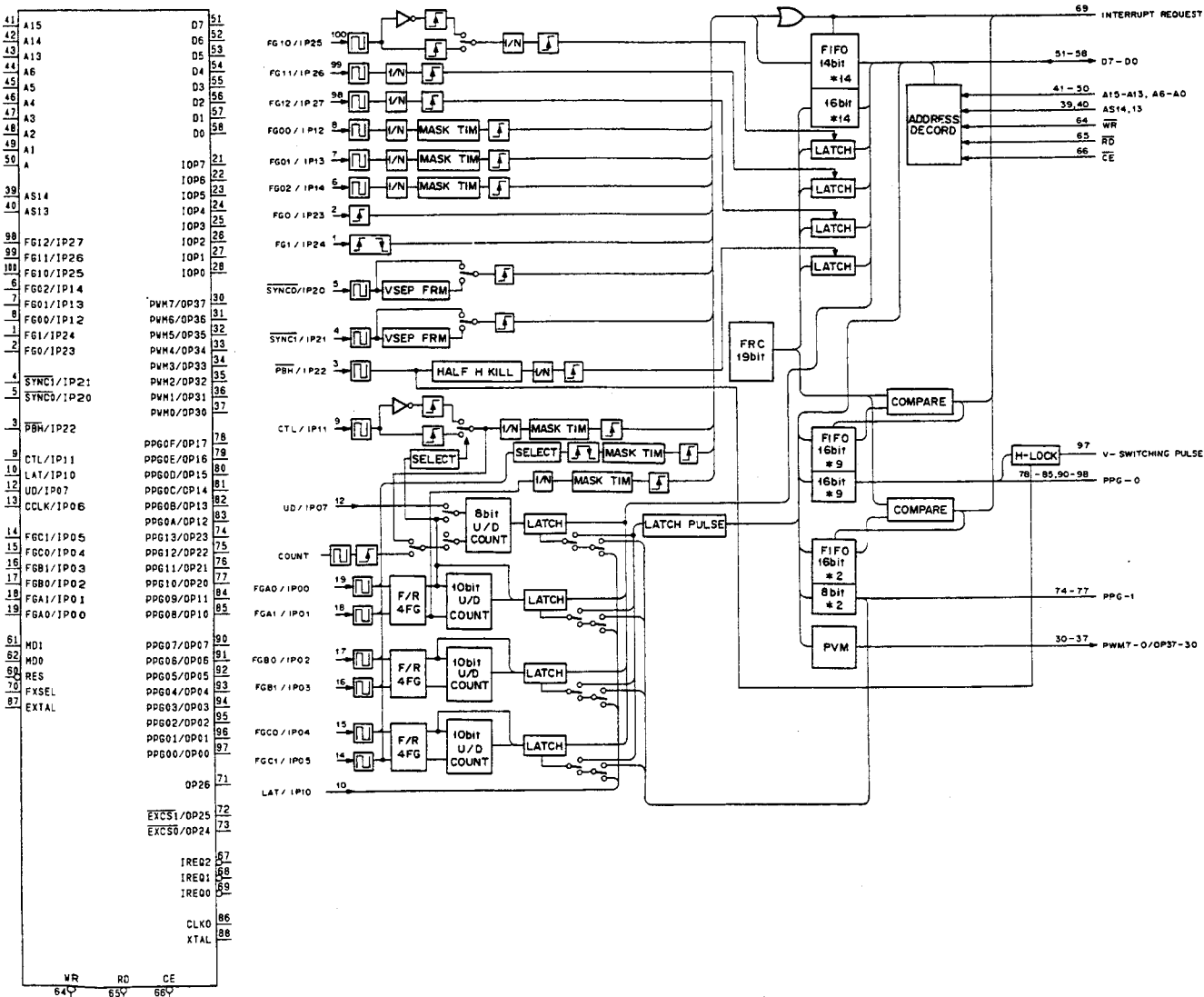
INPUT
CK : 4fsc CLOCK INPUT
ESC : SC/COLOR BURST
HCOM : PHASE COMPARE FROM CXD1217
HD : H DRIVE FROM CXD1217
ISC : SUBCARRIER FROM CXD1217
LALT : LALT FROM REFERENCE SIGNAL GENERATOR
MODE1,2 : SYSTEM SELECT
SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

OUTPUT
HCOM : PHASE COMPARE HR WITH HD
HR : fH OF SYNC SEPARATE
INT/EXT : INTERNAL/EXTERNAL SPECIFIED
LALTR : LINE CHANGE RESET
SCCOM : PHASE COMPARE ESC WITH ISC
TGC : TRISTATE CONTROL
VR : fV OF SYNC SEPARATE

CXD2202Q (SONY)

SERVO IC
- TOP VIEW -

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|------------|---------|-----|-----------|---------|-----|------------|---------|-----|------------|
| 1 | I | FG1/IP24 | 26 | I/O | IOP2 | 51 | I/O | D7 | 76 | O | PPG11/OP21 |
| 2 | I | FG0/IP23 | 27 | I/O | IOP1 | 52 | I/O | D6 | 77 | O | PPG10/OP20 |
| 3 | I | PBH/IP22 | 28 | I/O | IOP0 | 53 | I/O | D5 | 78 | O | PPG0F/OP17 |
| 4 | I | SYNCT/IP21 | 29 | - | PWM VDD | 54 | I/O | D4 | 79 | O | PPG0E/OP16 |
| 5 | I | SYNCO/IP20 | 30 | O | PWM7/OP37 | 55 | I/O | D3 | 80 | O | PPG0D/OP15 |
| 6 | I | FG02/IP14 | 31 | O | PWM6/OP36 | 56 | I/O | D2 | 81 | O | PPG0C/OP14 |
| 7 | I | FG01/IP13 | 32 | O | PWM5/OP35 | 57 | I/O | D1 | 82 | O | PPG0B/OP13 |
| 8 | I | FG00/IP12 | 33 | O | PWM4/OP34 | 58 | I/O | D0 | 83 | O | PPG0A/OP12 |
| 9 | I | CTL/IP11 | 34 | O | PWM3/OP33 | 59 | - | VSS | 84 | O | PPG09/OP11 |
| 10 | I | LAT/IP10 | 35 | O | PWM2/OP32 | 60 | I | RES | 85 | O | PPG08/OP10 |
| 11 | - | VDD | 36 | O | PWM1/OP31 | 61 | I | MD1 | 86 | O | CLKO |
| 12 | I | UD/IP07 | 37 | O | PWM0/OP30 | 62 | I | MD0 | 87 | I | EXTAL |
| 13 | I | CCLK/IP06 | 38 | - | VSS | 63 | - | VDD | 88 | O | XTAL |
| 14 | I | FGC1/IP05 | 39 | I | AS14 | 64 | I | WR | 89 | - | VSS |
| 15 | I | FGC0/IP04 | 40 | I | AS13 | 65 | I | RD | 90 | O | PPG07/OP07 |
| 16 | I | FGB1/IP03 | 41 | I | A15 | 66 | I | CE | 91 | O | PPG06/OP06 |
| 17 | I | FGB0/IP02 | 42 | I | A14 | 67 | O | IREQ2 | 92 | O | PPG05/OP05 |
| 18 | I | FGA1/IP01 | 43 | I | A13 | 68 | O | IREQ1 | 93 | O | PPG04/OP04 |
| 19 | I | FGA0/IP00 | 44 | I | A6 | 69 | O | IREQ0 | 94 | O | PPG03/OP03 |
| 20 | - | VSS | 45 | I | A5 | 70 | I | FXSEL | 95 | O | PPG02/OP02 |
| 21 | I/O | IOP7 | 46 | I | A4 | 71 | O | OP26 | 96 | O | PPG01/OP01 |
| 22 | I/O | IOP6 | 47 | I | A3 | 72 | O | EXCST/OP25 | 97 | O | PPG00/OP00 |
| 23 | I/O | IOP5 | 48 | I | A2 | 73 | O | EXCS0/OP24 | 98 | I | FG12/IP27 |
| 24 | I/O | IOP4 | 49 | I | A1 | 74 | O | PPG13/OP23 | 99 | I | FG11/IP26 |
| 25 | I/O | IOP3 | 50 | I | A0 | 75 | O | PPG12/OP22 | 100 | I | FG10/IP25 |



CXD2207Q (SONY)

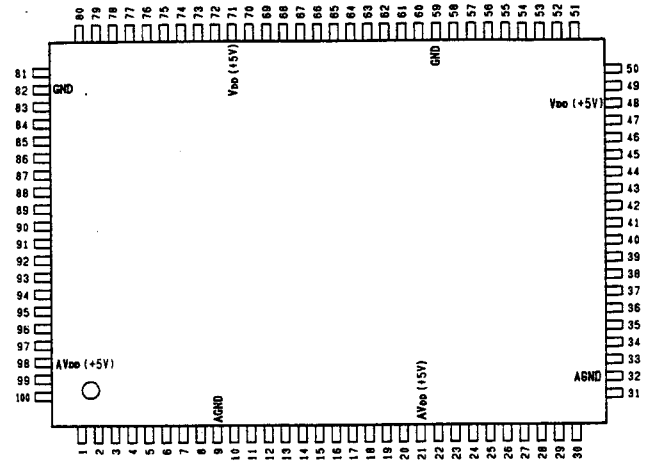
C-MOS TBC WRITE CLOCK GENERATOR FOR BETACAM

- TOP VIEW -

INPUT
 AO - A15 : ADDRESS BUS
 AS13, AS14 : SELECTING CONDITION OF ADDRESS DECODER
 AS13 AND AS14 BITS
 CCLK : 8-BIT COUNTER CLOCK INPUT
 CE : CHIP ENABLE
 CTL : RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.
 WITH FREQUENCY DIVISION MASK TIMER
 EXTAL : CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT
 FG0 : RESOLUTION 2.5MHz
 FG00 - FG02 : FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz
 WITH FREQUENCY DIVISION MASK TIMER
 FG1 : RESOLUTION 2.5MHz BOTH EDGES
 FG10 : EDGE SELECTION ENABLE RESOLUTION 10MHz
 FG11, 12 : FREQUENCY DIVISION ENABLE RESOLUTION 10MHz
 FGA0 : PERFORMS FORWARD/REVERSE ROTATION
 DETECTION AND 4FG COUNT (UP/DOWN) BY FGA0
 AND FGA1. 10 BITS. UP/DOWN IS MADE BY
 CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.
 FGA1 : 4FG PERFORMS FREQUENCY DIVISION AND FRC
 CAPTURE THROUGH MASK TIMER.
 *1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND
 DETECTS BOTH EDGES AND PERFORM THE FRC
 CAPTURE THROUGH THE MASK TIMER.
 FGB0 : PERFORMS FORWARD/REVERSE ROTATION
 DETECTION AND 4FG COUNT BY FGB0 AND FGB1.
 FGB1 : *1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND
 DETECTS BOTH EDGES AND PERFORM THE FRC
 CAPTURE THROUGH THE MASK TIMER.
 FGC0 : PERFORMS FORWARD/REVERSE ROTATION
 DETECTION AND 4FG COUNT BY FGC0 AND FGC1.
 FGC1 : *1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND
 DETECTS BOTH EDGES AND PERFORM THE FRC
 CAPTURE THROUGH THE MASK TIMER.
 FXSEL : FREQUENCY DIVISION SELECTION OF CLOCK INPUT
 LAT : EXTERNAL LATCH TIMING OF UP/DOWN COUNTER
 MD0, 1 : TEST MODE DESIGNATION
 PBH : INPUT OF COMPOSITE SYNC OR H SYNC.
 RESOLUTION 10MHz WITH HALF H KILLER.
 RD : REDE
 RES : RESET
 SYNC0, 1 : INPUT OF COMPOSITE SYNC OR V SYNC.
 RESOLUTION 2.5MHz
 UD : 8-BIT COUNTER UP/DOWN INPUT
 WR : WRITE

XOUTPUT
 CLK0 : CLOCK OUTPUT
 EXCS0, 1 : DECODE AT ADDRESS A3 LEVEL
 IREQ0 : INTERRUPTION SIGNAL OF FRC CAPTURE UNIT
 IREQ1 : COINCIDENCE INTERRUPTION OF PPG0
 IREQ2 : COINCIDENCE INTERRUPTION OF PPG1
 OP26 : EXCLUSIVELY OUTPUT PORT
 PPG00 - PPG0F : PROGRAMMABLE PULSE GENERATOR
 PPG10 - PPG13 : PROGRAMMABLE PULSE GENERATOR
 RESOLUTION 1.25MHz PPG00: WITH HLOCK
 PWM0 - PWM5 : PWM OUTPUT NORMALLY PWM, OR PWM0 AND
 PWM1, PWM2 AND PWM3, OR PWM4 AND PWM5
 OUTPUT SIGNAL CORRESPONDED TO PUSH-PULL.
 PWM6, 7 : PWM OUTPUT
 XTAL : CRYSTAL OSCILLATION

INPUT/OUTPUT
 DO - D7 : DATA BUS
 IOP0 - IOP7 : SELECTS AND USES INPUT AND OUTPUT BY
 EVERY 1 BIT.



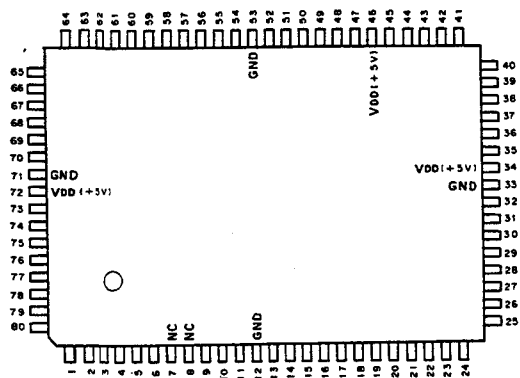
(VDD = AVDD = +5V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1 | O | SYNC | 26 | I | FOPO | 51 | I | PBE | 76 | I | SVLK |
| 2 | I | BLK | 27 | I | SHOT | 52 | I | NCS | 77 | I | SVD |
| 3 | I | VIN4 | 28 | I | BCPI | 53 | I | SPD | 78 | I | OFF |
| 4 | I | REF3 | 29 | O | BCPO | 54 | I | R20 | 79 | O | LOCK |
| 5 | I | VIN3 | 30 | I | EOPX | 55 | I | FBID | 80 | O | CS |
| 6 | O | VOT3 | 31 | O | EOP0 | 56 | I | DO | 81 | I/O | MO0 |
| 7 | I | AI3 | 32 | - | AGND | 57 | I | GBD | 82 | - | GND |
| 8 | I | ACPI | 33 | I | AI2 | 58 | I | GAT | 83 | I/O | MO1 |
| 9 | - | AGND | 34 | I | DOP1 | 59 | - | GND | 84 | I/O | MO2 |
| 10 | I | ACPX | 35 | I | DOPX | 60 | I | GH | 85 | I/O | MO3 |
| 11 | O | ACPO | 36 | O | DOP0 | 61 | O | WCP | 86 | I/O | MO4 |
| 12 | I | SMPL | 37 | I | VCCI | 62 | O | ACP | 87 | I/O | MO5 |
| 13 | I | CHIN | 38 | I | VCEN | 63 | O | TOUT | 88 | I/O | MO6 |
| 14 | I | BOPX | 39 | I | MD1 | 64 | O | AZ2 | 89 | I/O | MO7 |
| 15 | I | BOPO | 40 | I | MD2 | 65 | O | AZ1 | 90 | I | AMD |
| 16 | I | SHC1 | 41 | I | INT | 66 | O | WZ | 91 | I | VIN2 |
| 17 | I | SHC2 | 42 | I | YC | 67 | I | CKN | 92 | I | REF1 |
| 18 | I | SH2I | 43 | I | TMOD | 68 | O | GCK | 93 | I | REF2 |
| 19 | O | ER1 | 44 | I | TCK | 69 | O | ACK | 94 | I | VIN1 |
| 20 | O | ER2 | 45 | I | TDAT | 70 | O | XCK | 95 | I | AOP1 |
| 21 | - | AVDD | 46 | I | BTS | 71 | - | VDD | 96 | I | AOPX |
| 22 | I | COP1 | 47 | I | REST | 72 | O | CH | 97 | O | AOP0 |
| 23 | I | COPX | 48 | - | VDD | 73 | O | SSH | 98 | - | AVDD |
| 24 | O | COPO | 49 | I | DDF | 74 | O | DCP | 99 | I | A11 |
| 25 | I | FOPX | 50 | O | SHO | 75 | I | ERR | 100 | I | CCPI |

CXD8176A0 (NEC)

CMOS DUAL PORT RAM CONTROLLER

- TOP VIEW -



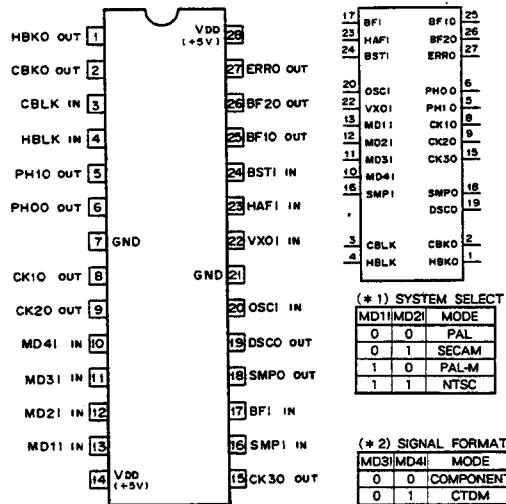
(V_{DD} = +5 V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1 | I/O | DOL | 21 | I/O | D7R | 41 | I/O | D6M | 61 | I | A10L |
| 2 | I | WRL | 22 | I/O | D6R | 42 | I/O | D5M | 62 | I | A9L |
| 3 | I | RDL | 23 | I/O | D5R | 43 | I/O | D4M | 63 | I | A8L |
| 4 | O | WAITL | 24 | I/O | D4R | 44 | I/O | D3M | 64 | I | A7L |
| 5 | I | CSL | 25 | I/O | D3R | 45 | I/O | D2M | 65 | I | A6L |
| 6 | I | CKL | 26 | I/O | D2R | 46 | - | V _{DD} | 66 | I | A5L |
| 7 | - | NC | 27 | I/O | D1R | 47 | I/O | D1M | 67 | I | A4L |
| 8 | - | NC | 28 | I/O | D0R | 48 | I/O | D0M | 68 | I | A3L |
| 9 | I | A10R | 29 | I | WRR | 49 | O | A0M | 69 | I | A2L |
| 10 | I | A9R | 30 | I | RDR | 50 | O | A1M | 70 | I | A1L |
| 11 | I | A8R | 31 | O | WAITR | 51 | O | A2M | 71 | - | GND |
| 12 | - | GND | 32 | I | CSR | 52 | O | A3M | 72 | - | V _{DD} |
| 13 | I | A7R | 33 | - | GND | 53 | - | GND | 73 | I | A0L |
| 14 | I | A6R | 34 | - | V _{DD} | 54 | O | A4M | 74 | I/O | D7L |
| 15 | I | A5R | 35 | I | CKR | 55 | O | A5M | 75 | I/O | D6L |
| 16 | I | A4R | 36 | I | CKT | 56 | O | A6M | 76 | I/O | D5L |
| 17 | I | A3R | 37 | O | WEM | 57 | O | A7M | 77 | I/O | D4L |
| 18 | I | A2R | 38 | O | OEM | 58 | O | A8M | 78 | I/O | D3L |
| 19 | I | A1R | 39 | O | CEM | 59 | O | A9M | 79 | I/O | D2L |
| 20 | I | A0R | 40 | I/O | D7M | 60 | O | A10M | 80 | I/O | D1L |

CXD8243AM (SONY) FLAT PACKAGE

CMOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR

- TOP VIEW -



(* 1) SYSTEM SELECT

| MD11MD21 | MODE |
|----------|-------|
| 0 0 | PAL |
| 0 1 | SECAM |
| 1 0 | PAL-M |
| 1 1 | NTSC |

(* 2) SIGNAL FORMAT SELECT

| MD31MD41 | MODE |
|----------|-----------|
| 0 0 | COMPONENT |
| 0 1 | CTDM |
| 1 0 | COMPOSITE |
| 1 1 | SVIDEO |

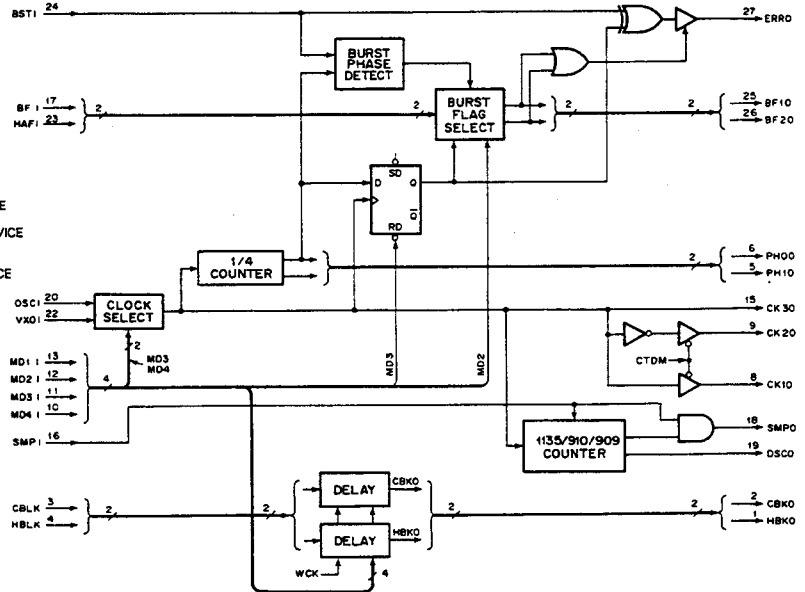
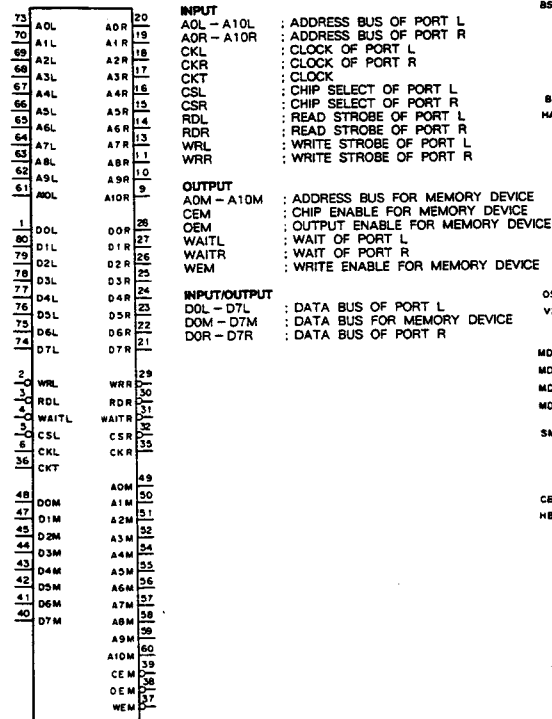
0: LOW LEVEL
1: HIGH LEVEL

INPUT

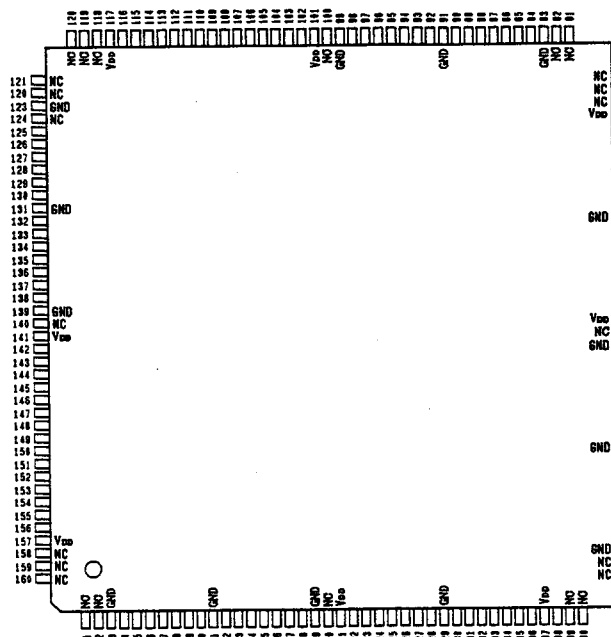
BF1 : BURST FLAG
BST1 : BURST FOR PHASE COMPARISON
CBLK : CHROMA BLANKING PULSE
HAF1 : TRIGGER PULSE FOR BURST SAMPLING
HBLK : H BLANKING PULSE
MD1, 21 : SYSTEM SELECT (* 1)
MD3, 41 : SIGNAL FORMAT SELECT (* 2)
OSCI : H LOCK LOOP VCO
SMP1 : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP
VXOI : BURST LOCK LOOP VCXO

OUTPUT

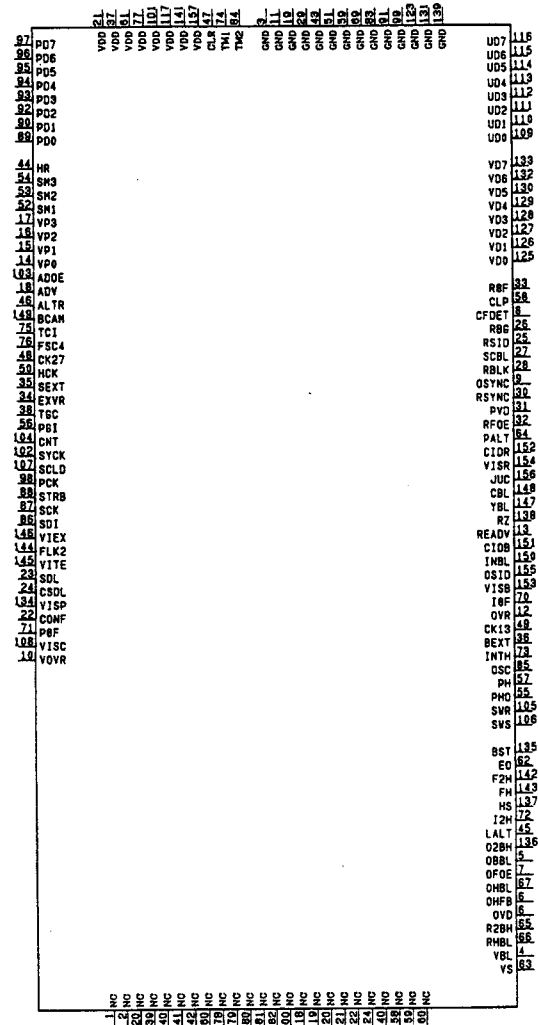
BF1, 20 : BURST FLAG
CBKO : CHROMA BLANKING PULSE
CK1 - 30 : CLOCK SELECTED BY MODE
DSCO : TRAPEZOID GENERATOR DISCHARGE PULSE
ERRO : BURST PHASE COMPARISON ERROR
HBKO : H BLANKING PULSE
PHOO : 2FSC
PH10 : FSC
SMPO : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP



CXD8165Q (SONY) FLAT PACKAGE
C-MOS REFERENCE SYNC GENERATOR
- TOP VIEW -



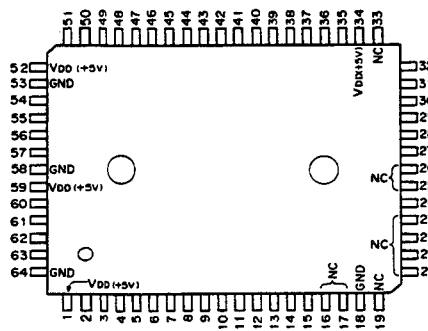
| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1 | - | NC | 41 | - | NC | 81 | - | NC | 121 | - | NC |
| 2 | - | NC | 42 | - | NC | 82 | - | NC | 122 | - | NC |
| 3 | - | GND | 43 | - | GND | 83 | - | GND | 123 | - | GND |
| 4 | I/O | VBL | 44 | I | HR | 84 | I | TM2 | 124 | - | NC |
| 5 | I/O | OBBL | 45 | I/O | LALT | 85 | O | OSC | 125 | O | VD0 |
| 6 | I/O | OVD | 46 | I | ALTR | 86 | I | SD1 | 126 | O | VD1 |
| 7 | I/O | OFOE | 47 | I | CLR | 87 | I | SCK | 127 | O | VD2 |
| 8 | O | CFDET | 48 | I | CK27 | 88 | I | STRB | 128 | O | VD3 |
| 9 | O | OSYNC | 49 | O | CK13 | 89 | I/O | PD0 | 129 | O | VD4 |
| 10 | I | VOVR | 50 | I | HCK | 90 | I/O | PD1 | 130 | O | VD5 |
| 11 | - | GND | 51 | - | GND | 91 | - | GND | 131 | - | GND |
| 12 | O | OVR | 52 | I | SM1 | 92 | I/O | PD2 | 132 | O | VD6 |
| 13 | O | READV | 53 | I | SM2 | 93 | I/O | PD3 | 133 | O | VD7 |
| 14 | I | VP0 | 54 | I | SM3 | 94 | I/O | PD4 | 134 | I | VISP |
| 15 | I | VP1 | 55 | O | PHO | 95 | I/O | PD5 | 135 | I/O | BST |
| 16 | I | VP2 | 56 | I | PHI | 96 | I/O | PD6 | 136 | I/O | O2BH |
| 17 | I | VP3 | 57 | O | PH | 97 | I/O | PD7 | 137 | I/O | HS |
| 18 | I | ADV | 58 | O | CLP | 98 | I | PCK | 138 | O | RZ |
| 19 | - | GND | 59 | - | GND | 99 | - | GND | 139 | - | GND |
| 20 | - | NC | 60 | - | NC | 100 | - | NC | 140 | - | NC |
| 21 | - | VDD | 61 | - | NC | 101 | - | VDD | 141 | - | VDD |
| 22 | I | CONF | 62 | I/O | EQ | 102 | I | SYCK | 142 | I/O | F2H |
| 23 | I | SDL | 63 | I/O | VS | 103 | I | ADOE | 143 | I/O | FH |
| 24 | I | CSDL | 64 | O | PALT | 104 | I | CNT | 144 | I | FLK2 |
| 25 | O | RSID | 65 | I/O | R2BH | 105 | O | SWR | 145 | I | VIEX |
| 26 | O | RBG | 66 | I/O | RHBL | 106 | O | SWS | 146 | I | YBL |
| 27 | O | SCBL | 67 | I/O | OHBL | 107 | I | SCLD | 147 | O | CBL |
| 28 | O | RBLK | 68 | I/O | OHFB | 108 | I | VISC | 148 | O | BCAM |
| 29 | - | GND | 69 | - | GND | 109 | O | UD0 | 149 | I | ENBL |
| 30 | O | RSYNC | 70 | O | IBF | 110 | O | UD1 | 150 | O | CID8 |
| 31 | O | RVD | 71 | I | P8F | 111 | O | UD2 | 151 | O | CIDR |
| 32 | O | RECE | 72 | I/O | I2H | 112 | O | UD3 | 152 | O | VISB |
| 33 | O | RBF | 73 | O | INTH | 113 | O | UD4 | 153 | O | VISR |
| 34 | I | EXVR | 74 | I | TM1 | 114 | O | UD5 | 154 | O | OSID |
| 35 | I | SEXT | 75 | I | TCI | 115 | O | UD6 | 155 | O | JUC |
| 36 | O | BEXT | 76 | I | FSC4 | 116 | O | UD7 | 156 | O | VDD |
| 37 | - | VDD | 77 | - | VDD | 117 | - | VDD | 157 | - | VDD |
| 38 | I | TGC | 78 | - | NC | 118 | - | NC | 158 | - | NC |
| 39 | - | NC | 79 | - | NC | 119 | - | NC | 159 | - | NC |
| 40 | - | NC | 80 | - | NC | 120 | - | NC | 160 | - | NC |



CXK48324Q (SONY)

C-MOS 2.4M (960x306x8) BITS 3 PORTS VIDEO FIELD MEMORY

- TOP VIEW -

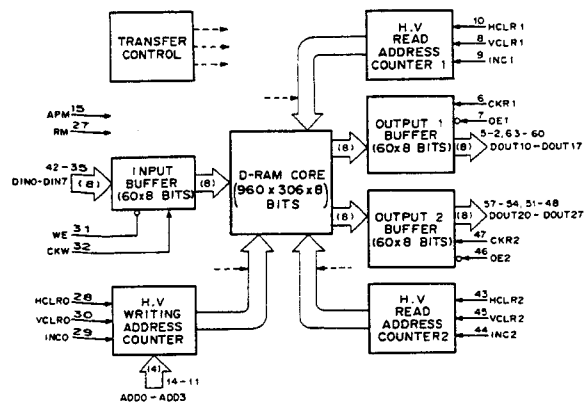


(V_{DD} = +5 V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1 | - | V _{DD} | 23 | - | NC | 45 | I | VCLR2 |
| 2 | O | DO13 | 24 | I | TE | 46 | I | OE2 |
| 3 | O | DO12 | 25 | - | NC | 47 | I | CKR2 |
| 4 | O | DO11 | 26 | - | NC | 48 | O | DO27 |
| 5 | O | DO10 | 27 | I | RM | 49 | O | DO26 |
| 6 | I | CKR1 | 28 | I | HCLR0 | 50 | O | DO25 |
| 7 | I | OE1 | 29 | I | INCO | 51 | O | DO24 |
| 8 | I | VCLR1 | 30 | I | VCLR0 | 52 | - | V _{DD} |
| 9 | I | INCL1 | 31 | I | WE | 53 | - | GND |
| 10 | I | HCLR1 | 32 | I | CKW | 54 | O | DO23 |
| 11 | I | ADD3 | 33 | - | NC | 55 | O | DO22 |
| 12 | I | ADD2 | 34 | - | V _{DD} | 56 | O | DO21 |
| 13 | I | ADD1 | 35 | I | DIN7 | 57 | O | DO20 |
| 14 | I | ADD0 | 36 | I | DIN6 | 58 | - | GND |
| 15 | I | APM | 37 | I | DIN5 | 59 | - | V _{DD} |
| 16 | - | NC | 38 | I | DIN4 | 60 | O | DO17 |
| 17 | - | NC | 39 | I | DIN3 | 61 | O | DO16 |
| 18 | - | GND | 40 | I | DIN2 | 62 | O | DO15 |
| 19 | - | NC | 41 | I | DIN1 | 63 | O | DO14 |
| 20 | - | NC | 42 | I | DINO | 64 | - | GND |
| 21 | - | NC | 43 | I | HCLR2 | | | |
| 22 | - | NC | 44 | I | INCL2 | | | |

INPUT
 ADD0 - ADD3 : ADDRESS INPUT
 APM : ADDRESS PRESET MODE ENABLE
 CKR1, CKR2 : PORT 1 OR 2 SHIFT SIGNAL INPUT
 CKW : PORT 0 SHIFT SIGNAL INPUT
 DINO - DIN7 : PORT 0 DATA INPUT
 HCLR0 - HCLR2 : PORT 0 - 2 HORIZONTAL CLEAR
 INCO - INC2 : PORT 0 - 2 LINE INCREMENT
 RM : RECURSIVE MODE ENABLE
 TE : TEST MODE ENABLE
 VCLR0 - VCLR2 : PORT 0 - 2 VERTICAL CLEAR
 OE1, OE2 : PORT 1 OR 2 OUTPUT ENABLE
 WE : PORT 0 WRITE ENABLE

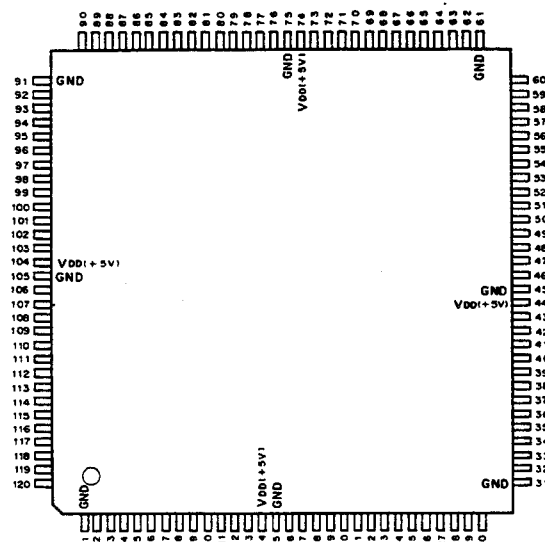
OUTPUT
 DO10 - DO17 : PORT 1 DATA OUTPUT
 DO20 - DO27 : PORT 2 DATA OUTPUT



CXD8161AQ (SONY) FLAT PACKAGE

C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER

- TOP VIEW -



(V_{DD} = +5 V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|---------|-----|-----------------|
| 1 | - | GND | 31 | - | GND | 61 | - | GND | 91 | - | GND |
| 2 | O | PEW | 32 | I | DO9 | 62 | O | Y02 | 92 | O | BO1 |
| 3 | O | PES | 33 | I | DO8 | 63 | O | Y03 | 93 | O | BO0 |
| 4 | I | BI9 | 34 | I | DO7 | 64 | O | Y04 | 94 | O | RO9 |
| 5 | I | BI8 | 35 | I | DO6 | 65 | O | Y05 | 95 | O | RO8 |
| 6 | I | BI7 | 36 | I | DO5 | 66 | I | OE | 96 | I | HOD1 |
| 7 | I | BI6 | 37 | I | DO4 | 67 | I | RND | 97 | I | HOD2 |
| 8 | I | BI5 | 38 | I | DO3 | 68 | I | B67 | 98 | I | HOD3 |
| 9 | I | BI4 | 39 | I | DO2 | 69 | I | CO | 99 | I | HOD4 |
| 10 | I | BI3 | 40 | I | DO1 | 70 | O | Y06 | 100 | O | RO7 |
| 11 | I | BI2 | 41 | I | DO0 | 71 | O | Y07 | 101 | O | RO6 |
| 12 | I | BI1 | 42 | I | MRST | 72 | O | Y08 | 102 | O | RO5 |
| 13 | I | BI0 | 43 | O | DRST | 73 | O | Y09 | 103 | O | RO4 |
| 14 | - | V _{DD} | 44 | - | V _{DD} | 74 | - | V _{DD} | 104 | - | V _{DD} |
| 15 | - | GND | 45 | - | GND | 75 | - | GND | 105 | - | GND |
| 16 | O | BCEW | 46 | I | D19 | 76 | O | BO9 | 106 | O | RO3 |
| 17 | O | BCE5 | 47 | I | D18 | 77 | O | BO8 | 107 | O | RO2 |
| 18 | O | RCEW | 48 | I | D17 | 78 | O | BO7 | 108 | O | RO1 |
| 19 | O | RCE5 | 49 | I | D16 | 79 | O | BO6 | 109 | O | RO0 |
| 20 | I | RI9 | 50 | I | D15 | 80 | I | TMOD0 | 110 | I | CLP |
| 21 | I | RI8 | 51 | I | D14 | 81 | I | TMOD1 | 111 | I | CLBK |
| 22 | I | RI7 | 52 | I | D13 | 82 | I | TMOD2 | 112 | I | YISC |
| 23 | I | RI6 | 53 | I | D12 | 83 | I | TMOD3 | 113 | I | HBLK |
| 24 | I | RI5 | 54 | I | D11 | 84 | I | TMOD4 | 114 | I | BPF |
| 25 | I | RI4 | 55 | I | D10 | 85 | I | PM0 | 115 | I | BW |
| 26 | I | RI3 | 56 | I | CMOD2 | 86 | I | PM1 | 116 | I | LALT1 |
| 27 | I | RI2 | 57 | I | CMOD1 | 87 | O | BO5 | 117 | O | LALT0 |
| 28 | I | RI1 | 58 | I | CMOD0 | 88 | O | BO4 | 118 | I | PH1 |
| 29 | I | RI0 | 59 | O | Y00 | 89 | O | BO3 | 119 | I | PH0 |
| 30 | I | HIZ | 60 | O | Y01 | 90 | O | BO2 | 120 | I | CLK |

```

OUTPUT
SCES          : B-Y CLAMP ERROR SENSE
SC5W          : B-Y CLAMP ERROR WIDTH
SC5W - B09   : B-Y DATA (B 09 : MSB)
DRST          : EXTERNAL DELAY LINE RESET
LALTO        : LINE ALTERNATE
PES           : PHASE ERROR SENSE
PEW           : PHASE ERROR WIDTH
RCES          : R-Y CLAMP ERROR SENSE
RC5W          : R-Y CLAMP ERROR WIDTH
R00 - R09    : R-Y DATA (R09 : MSB)
Y00 - Y09    : Y DATA (Y09 : MSB)

```

| MODE2 | MODE1 | MODE |
|-------|-------|-------|
| 0 | 0 | PAL |
| 0 | 1 | PAL-M |
| 1 | 0 | SECAM |
| 1 | 1 | NTSC |

| MODE4 | MODE3 | MODE |
|-------|-------|-----------|
| 0 | 0 | COMPONENT |
| 0 | 1 | COMPOSITE |
| 1 | 0 | CTDM |
| 1 | 1 | CHROMA |

```

C : LOW LEVEL      0-1 : UPPER 2 LINE COMB FILTER
1 : HIGH LEVEL    1-2 : LOWER 2 LINE COMB FILTER
                  0-1-2 : UPPER/LOWER 3 LINE COMB FILTER

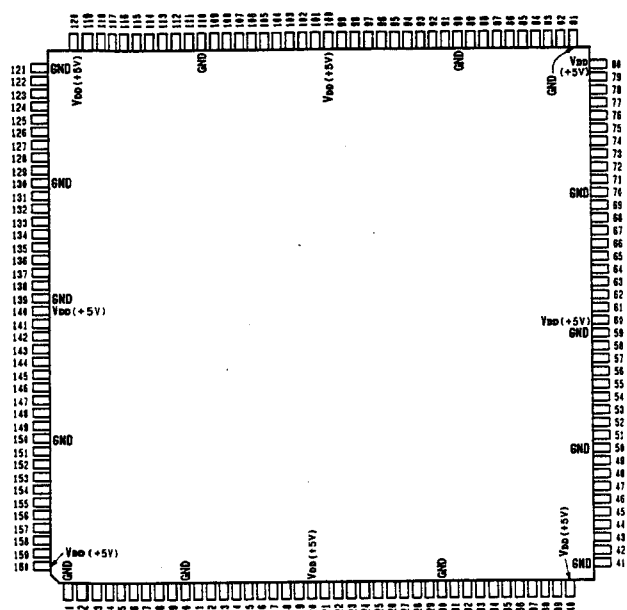
```



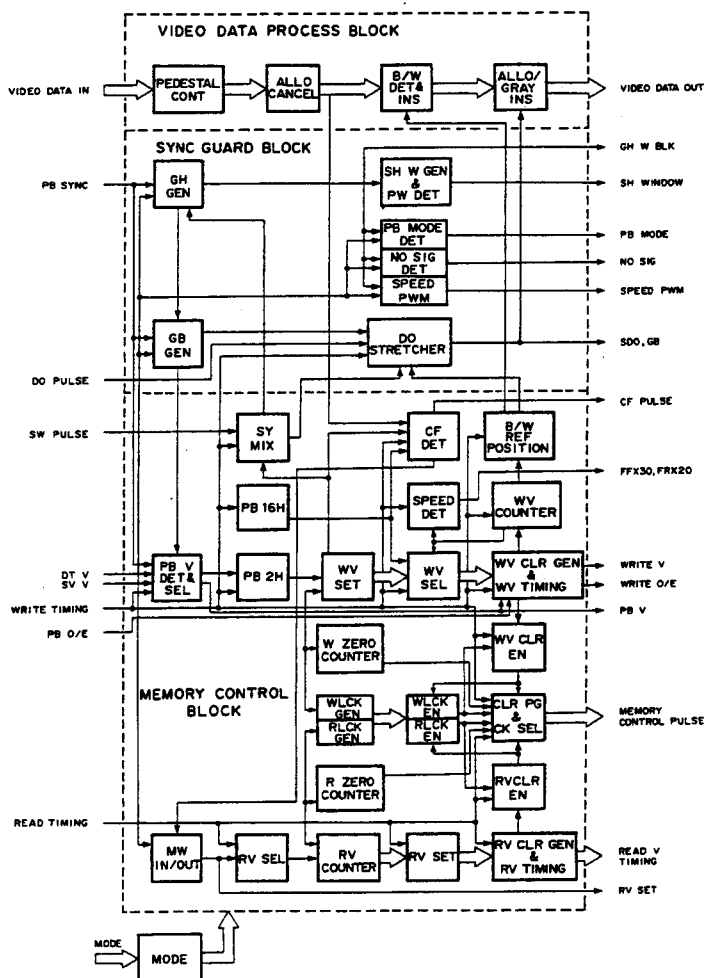
CXD8313Q (SONY)

CMOS TBC

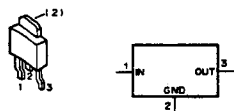
- TOP VIEW -



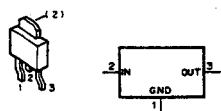
| PIN No. | I/O | PIN NAME | PIN No. | I/O | PIN NAME | PIN No. | I/O | PIN NAME | PIN No. | I/O | PIN NAME |
|---------|-----|----------|---------|-----|----------|---------|-----|----------|---------|-----|----------|
| 1 | - | GND | 41 | - | GND | 81 | - | GND | 121 | - | GND |
| 2 | I | FWDREV | 42 | I/O | RMAB | 82 | O | RBWLN | 122 | I | DIN9 |
| 3 | I | X13 | 43 | I/O | RVCLR | 83 | O | COMPBLK | 123 | I | DIN8 |
| 4 | I | NOIPB | 44 | I/O | WMAB | 84 | O | VBLK2 | 124 | I | DIN7 |
| 5 | I | HEE | 45 | I/O | WVCLR | 85 | O | VBLK1 | 125 | I | DIN6 |
| 6 | I | HINPHASE | 46 | I/O | TDTO | 86 | O | ADVBLK | 126 | I | DIN5 |
| 7 | I | SHIFTH | 47 | I | TST5 | 87 | O | ADTHRU | 127 | I | DIN4 |
| 8 | O | VSCXFP1 | 48 | I | TST4 | 88 | O | RDIZ | 128 | I | DIN3 |
| 9 | O | VSCDTP2 | 49 | I | TST3 | 89 | O | RCK | 129 | I | DIN2 |
| 10 | - | GND | 50 | - | GND | 90 | - | GND | 130 | - | GND |
| 11 | I | OSCON | 51 | I | TST2 | 91 | O | VCLR2 | 131 | I | DIN1 |
| 12 | I | MOD6 | 52 | I | TST1 | 92 | O | INC2 | 132 | I | DIN0 |
| 13 | I | DT | 53 | I | TST0 | 93 | O | HCLR2 | 133 | I | WCK |
| 14 | I | DTX3 | 54 | I | RLMOFF | 94 | O | MRCK2 | 134 | I | WZ |
| 15 | I | PBOE | 55 | I | FLMOFF | 95 | O | VCLR1 | 135 | I | ADVWZ |
| 16 | I | DTV | 56 | I | MOD11 | 96 | O | INC1 | 136 | I | WCLP |
| 17 | I | SVV | 57 | I | MOD10 | 97 | O | HCLR1 | 137 | I | VISCCMUT |
| 18 | I | SWP | 58 | I | MOD7 | 98 | O | MRCK1 | 138 | I | PRCK |
| 19 | I | FRX3020 | 59 | - | GND | 99 | O | VCLR0 | 139 | - | GND |
| 20 | - | VDD | 60 | - | VDD | 100 | - | VDD | 140 | - | VDD |
| 21 | O | BINS | 61 | I/O | BID | 101 | O | INCO | 141 | I | PRZ |
| 22 | O | WINS | 62 | I/O | BIDIR | 102 | O | HCLR0 | 142 | I | PBSYNC |
| 23 | O | SWBLK | 63 | I | MOD4 | 103 | O | DOCLR | 143 | O | WBLK |
| 24 | O | WHITECNT | 64 | I | MOD3 | 104 | O | MRCK | 144 | I/O | GH |
| 25 | I | DO | 65 | I | MOD2 | 105 | O | WE | 145 | O | SHW |
| 26 | I/O | PB16H | 66 | I | MOD1 | 106 | O | DOUT0 | 146 | I/O | SDO1 |
| 27 | I/O | PB2H | 67 | I | JUC | 107 | O | DOUT1 | 147 | I/O | GB |
| 28 | O | COUNTERV | 68 | I | SGBLK | 108 | O | DOUT2 | 148 | O | WDIZ |
| 29 | I/O | PBV | 69 | I | REFOE | 109 | O | DOUT3 | 149 | I/O | FBID |
| 30 | - | GND | 70 | - | GND | 110 | - | GND | 150 | - | GND |
| 31 | O | WRITEV | 71 | I | READV | 111 | O | DOUT4 | 151 | I/O | FFB |
| 32 | O | WOE | 72 | I | RZ | 112 | O | DOUT5 | 152 | I/O | FRB |
| 33 | I/O | WVISCID | 73 | I | R456FH | 113 | O | DOUT6 | 153 | O | FF30COFF |
| 34 | O | RVISCID | 74 | I | R2BH | 114 | O | DOUT7 | 154 | O | FR30HDL |
| 35 | I/O | RVSET | 75 | I | R2FH | 115 | - | - | 155 | I | THRU2 |
| 36 | I/O | WENP | 76 | I | HCK | 116 | O | DOUT8 | 156 | I | THRU1 |
| 37 | I/O | REN | 77 | I | SDATA | 117 | O | DOUT9 | 157 | I/O | NOSIG |
| 38 | I | LEVST | 78 | I | SLD | 118 | O | SDO2WDO | 158 | O | PDSCONT |
| 39 | I | CLR | 79 | I | SCK | 119 | I | HCE | 159 | O | SPDPWM |
| 40 | - | VDD | 80 | - | VDD | 120 | - | VDD | 160 | - | VDD |



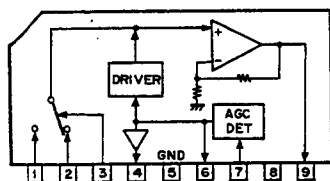
L78M09T-FA (SANYO) +9V 0.5A
PQ05SZ51 (SHARP) +5V 1A
POSITIVE VOLTAGE REGULATOR



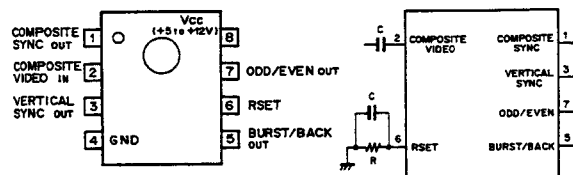
L79M05T-FA (SANYO) -5V
L79M09T-FA (SANYO) -9V
NEGATIVE VOLTAGE REGULATOR (500 mA)



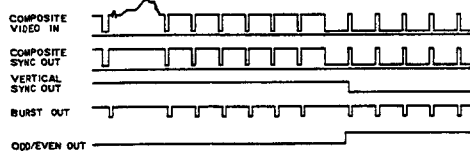
LA7205 (SANYO)
AGC AMP, INPUT SELECT, AGC DET, COMPARATOR
- SIDE VIEW -



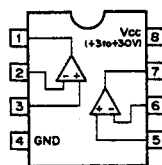
LM1881M (NS) FLAT PACKAGE
VIDEO SYNC SEPARATOR
- TOP VIEW -



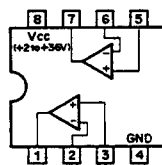
TIMING CHART



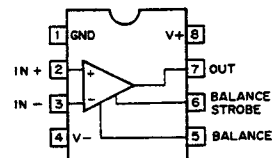
LM358P (TI)
UPC358C (NEC)
UPC358G2 (NEC) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIERS
- TOP VIEW -



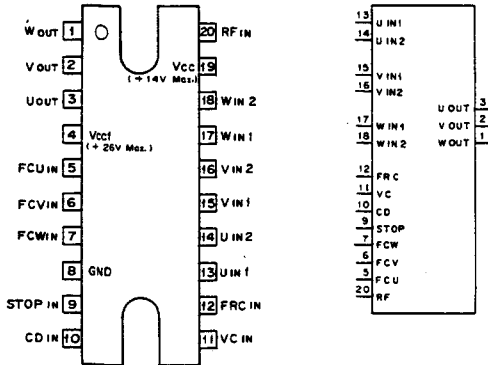
LM2903P (TI)
LM2903PS (TI) FLAT PACKAGE
NJM2903D (JRC)
DUAL VOLTAGE COMPARATORS
- TOP VIEW -



LM311PS (TI) FLAT PACKAGE
VOLTAGE COMPARATOR WITH STROBE
- TOP VIEW -



LB1620 (SANYO)

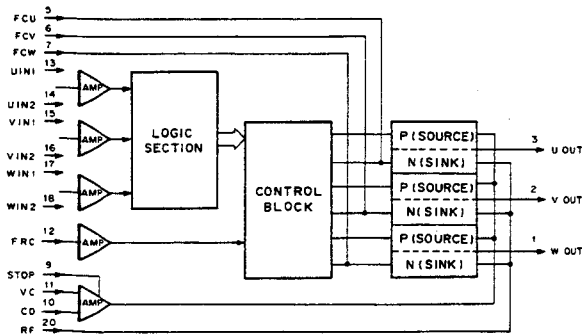
3-PHASE MOTOR DRIVER
- TOP VIEW -

| SOURCE / SINK | INPUT | FRC |
|--------------------|-------|-----|
| 1 W PHASE→V PHASE | U | 0 |
| 2 V PHASE→W PHASE | V | 1 |
| 3 U PHASE→U PHASE | U | 0 |
| 4 V PHASE→V PHASE | V | 1 |
| 5 W PHASE→W PHASE | W | 0 |
| 6 U PHASE→U PHASE | U | 1 |
| 7 V PHASE→V PHASE | V | 0 |
| 8 W PHASE→W PHASE | W | 1 |
| 9 U PHASE→U PHASE | U | 0 |
| 10 V PHASE→V PHASE | V | 1 |
| 11 W PHASE→W PHASE | W | 0 |
| 12 U PHASE→U PHASE | U | 1 |

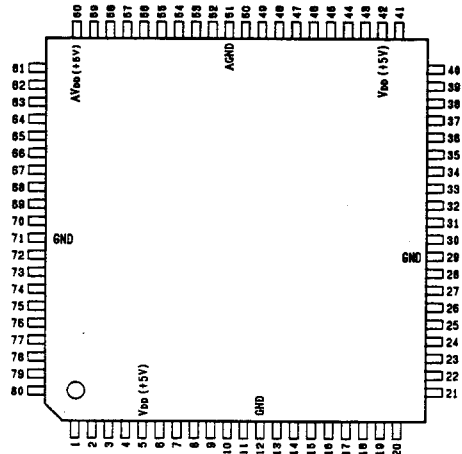
0: LOW LEVEL
1: HIGH LEVEL

INPUT
CD : CURRENT DETECTION
FCU : PHASE COMPENSATION
FCV : PHASE COMPENSATION
FCW : PHASE COMPENSATION
FRC : DIRECTION CONTROL
RF : CURRENT DETECTION
STOP : OVERCURRENT PROTECTION
UIN1, UIN2 : U PHASE HALL ELEMENT
VIN1, VIN2 : V PHASE HALL ELEMENT
WIN1, WIN2 : W PHASE HALL ELEMENT

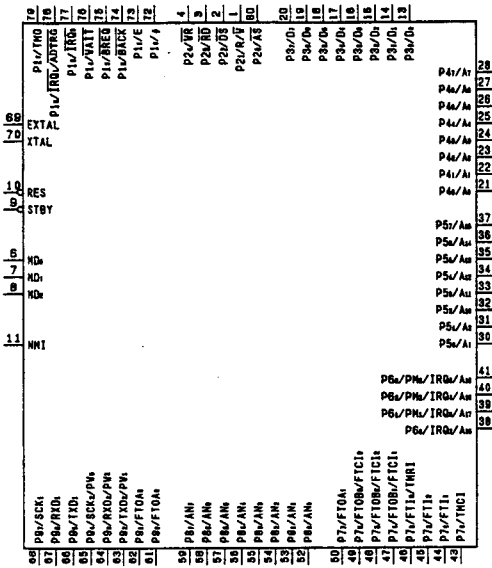
OUTPUT
U OUT : U PHASE OUTPUT
V OUT : V PHASE OUTPUT
W OUT : W PHASE OUTPUT



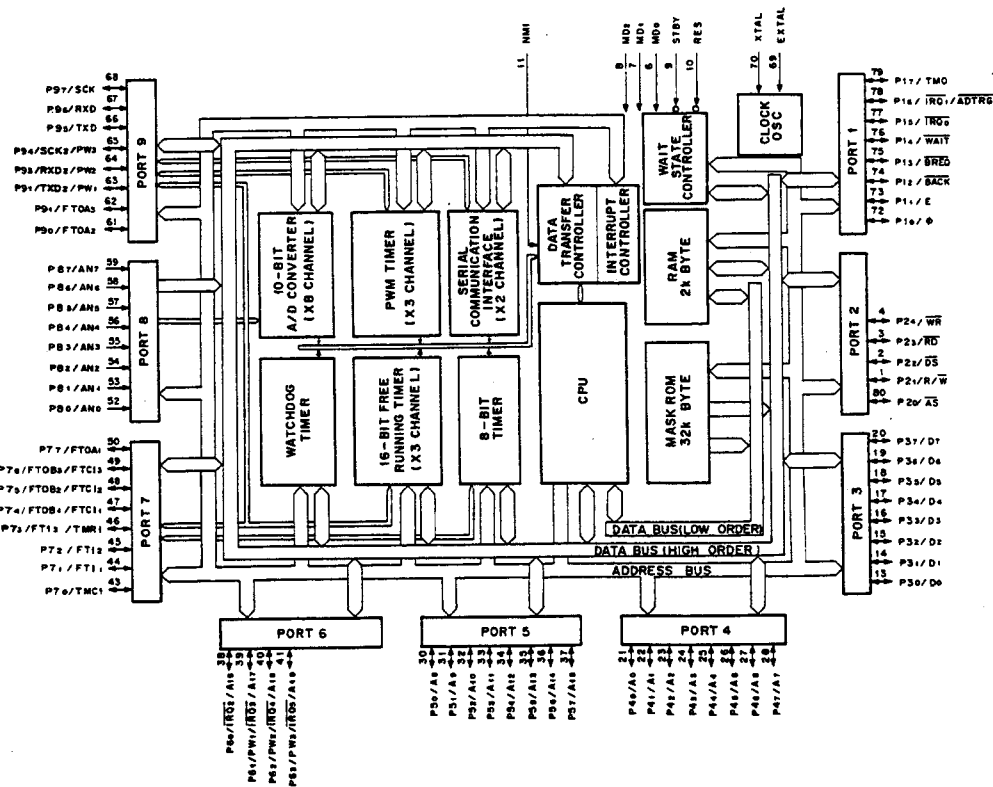
HD6435348RA00F (HITACHI)

C-MOS 8-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -

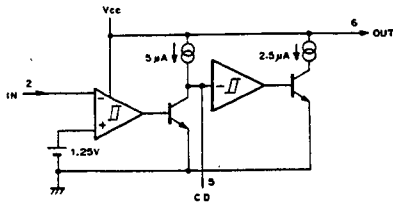
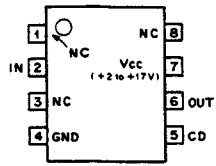
| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|-------------------------------|---------|-----|-------------------------------|
| 1 | I/O | P21/R/W | 41 | I/O | P63/PM3/IRQ ₃ /A19 |
| 2 | I/O | P22/D5 | 42 | - | Vcc |
| 3 | I/O | P23/RD | 43 | I/O | P70/TMC1 |
| 4 | I/O | P24/WR | 44 | I/O | P71/ET11 |
| 5 | - | Vcc | 45 | I/O | P72/ET12 |
| 6 | I | MD0 | 46 | I/O | P73/FT03/TMRI |
| 7 | I | MD1 | 47 | I/O | P74/FT081/FTC11 |
| 8 | I | MD2 | 48 | I/O | P75/FT082/FTC12 |
| 9 | I | STBY | 49 | I/O | P76/FT083/FTC13 |
| 10 | I | RES | 50 | I/O | P77/FT0A1 |
| 11 | I | NMI | 51 | - | AGND |
| 12 | - | GND | 52 | I | P80/AN0 |
| 13 | I/O | P30/D0 | 53 | I | P81/AN1 |
| 14 | I/O | P31/D1 | 54 | I | P82/AN2 |
| 15 | I/O | P32/D2 | 55 | I | P83/AN3 |
| 16 | I/O | P33/D3 | 56 | I | P84/AN4 |
| 17 | I/O | P34/D4 | 57 | I | P85/AN5 |
| 18 | I/O | P35/D5 | 58 | I | P86/AN6 |
| 19 | I/O | P36/D6 | 59 | I | P87/AN7 |
| 20 | I/O | P37/D7 | 60 | - | AVcc |
| 21 | I/O | P40/A0 | 61 | I/O | P90/FT0A2 |
| 22 | I/O | P41/A1 | 62 | I/O | P91/FT0A3 |
| 23 | I/O | P42/A2 | 63 | I/O | P92/TXD2/PW1 |
| 24 | I/O | P43/A3 | 64 | I/O | P93/RXD2/PW2 |
| 25 | I/O | P44/A4 | 65 | I/O | P94/SCK2/PW3 |
| 26 | I/O | P45/A5 | 66 | I/O | P95/TXD1 |
| 27 | I/O | P46/A6 | 67 | I/O | P96/RXD1 |
| 28 | I/O | P47/A7 | 68 | I/O | P97/SCK1 |
| 29 | - | GND | 69 | I | EXTAL |
| 30 | I/O | P50/A1 | 70 | I | XTAL |
| 31 | I/O | P51/A2 | 71 | - | GND |
| 32 | I/O | P52/A10 | 72 | I/O | P10/φ |
| 33 | I/O | P53/A11 | 73 | I/O | P11/E |
| 34 | I/O | P54/A12 | 74 | I/O | P12/BACK |
| 35 | I/O | P55/A13 | 75 | I/O | P13/BREQ |
| 36 | I/O | P56/A14 | 76 | I/O | P14/WAIT |
| 37 | I/O | P57/A15 | 77 | I/O | P15/IRQ0 |
| 38 | I/O | P60/IRQ ₂ /A16 | 78 | I/O | P16/IRQ1/ADTRG |
| 39 | I/O | P61/PM1/IRQ ₂ /A17 | 79 | I/O | P17/TMO |
| 40 | I/O | P62/PM2/IRQ ₄ /A18 | 80 | I/O | P20/AS |



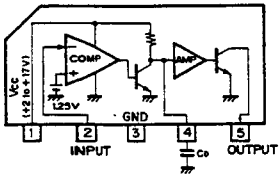
| INPUT | |
|---------------|---------------------------------------|
| ADTRG | EXTERNAL TRIGGER |
| ANO - AN7 | ANALOG DATA |
| BREQ | BUS REQUEST |
| EXTAL | CONNECTED TO CRYSTAL OSCILLATOR |
| FTCH1 - FTCH3 | FRT COUNTER CLOCK (CHANNEL 1 TO 3) |
| FTI1 - FTI3 | FRT INPUT CAPTURE (CHANNEL 1 TO 3) |
| IRQ0 - IRQ5 | INTERRUPTION REQUEST 0 AND 1 |
| MD0 - MD2 | MODE SETTING |
| NMI | NON MASKABLE INTERRUPTION |
| P80 - P87 | PORT 8 |
| RES | RESET |
| RXD1, 2 | RECEIVE DATA |
| STBY | STANDBY |
| TMCI | 8-BIT TIMER CLOCK |
| TMRI | 8-BIT TIMER COUNTER RESET |
| WAIT | WAIT |
| XTAL | CONNECTED TO CRYSTAL OSCILLATOR |
| OUTPUT | |
| A0 - A19 | ADDRESS BUS |
| AS | ADDRESS STROBE |
| BACK | BUS REQUEST ACKNOWLEDGE |
| DS | DATA STROBE |
| E | ENABLE CLOCK |
| FTOA1 - FTOA3 | FRT OUTPUT COMPARE A (CHANNEL 1 TO 3) |
| FTOB1 - FTOB3 | FRT OUTPUT COMPARE B (CHANNEL 1 TO 3) |
| PW1 - PW3 | PWM TIMER (CHANNEL 1 TO 3) |
| R/W | READ/WRITE |
| RD | READ |
| TMO | 8-BIT TIMER |
| TXD1, 2 | SEND DATA |
| WR | WRITE |
| φ | SYSTEM CLOCK |
| INPUT/OUTPUT | |
| D0 - D7 | DATA BUS |
| P10 - P17 | PORT 1 |
| P20 - P24 | PORT 2 |
| P30 - P37 | PORT 3 |
| P40 - P47 | PORT 4 |
| P50 - P57 | PORT 5 |
| P60 - P63 | PORT 6 |
| P70 - P77 | PORT 7 |
| P80 - P87 | PORT 8 |
| SCK1, 2 | SERIAL CLOCK |



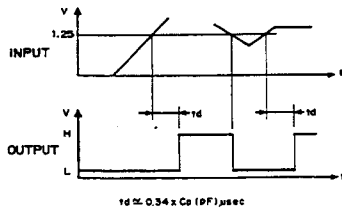
M51957BFP (MITSUBISHI) FLAT PACKAGE
VOLTAGE DETECTOR
 - TOP VIEW -



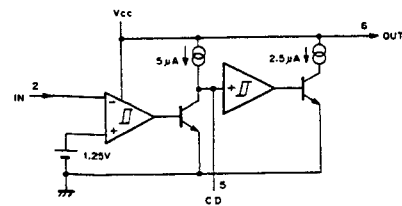
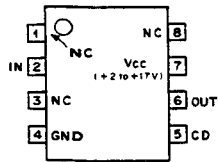
M51957BL (MITSUBISHI)
VOLTAGE DETECT DELAY
 - PRINTED SIDE VIEW -



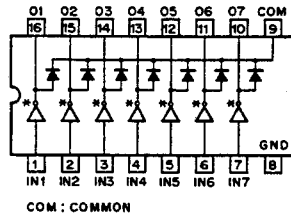
TIMING CHART



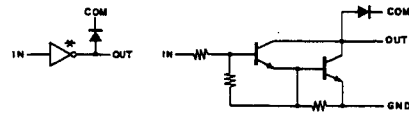
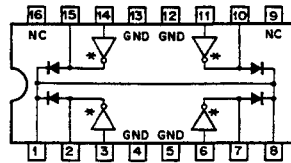
M51958A (MITSUBISHI) FLAT PACKAGE
VOLTAGE DETECT DELAY
 - TOP VIEW -



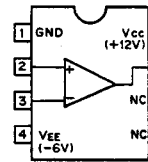
M54523P (MITSUBISHI)
BIPOLAR TRANSISTOR ARRAY WITH OPEN COLLECTOR
 - TOP VIEW -



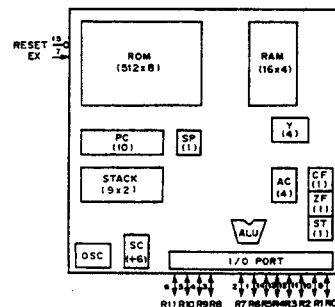
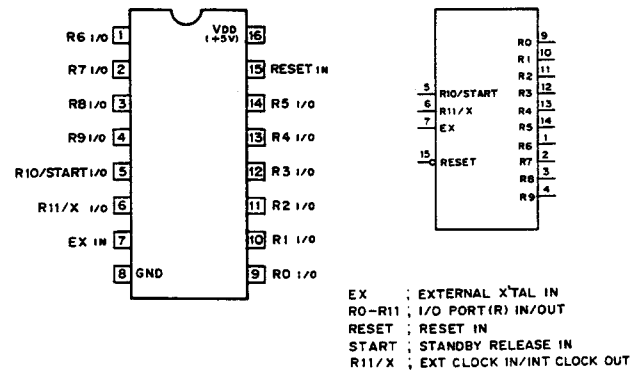
M54532P (MITSUBISHI)
DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE
 - TOP VIEW -



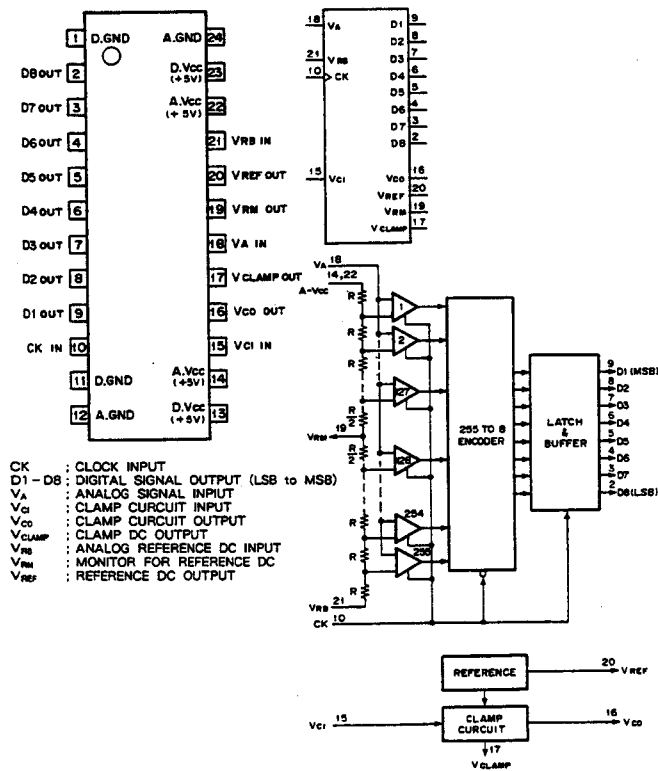
MB4002PF (FUJITSU) FLAT PACKAGE
HIGH SPEED VOLTAGE COMPARATOR
 - TOP VIEW -



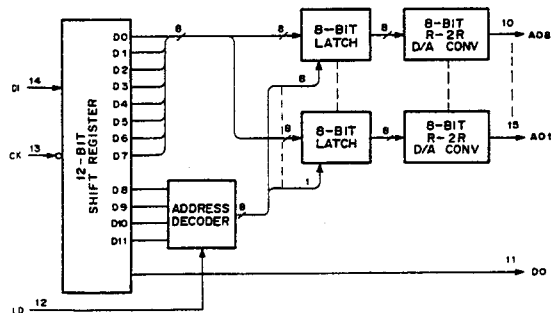
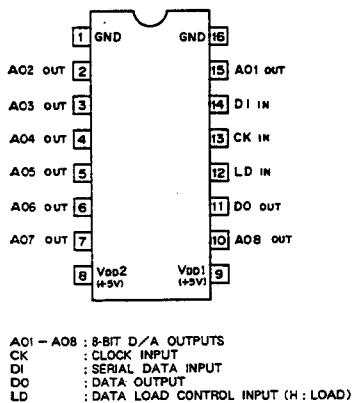
MB88201 (FUJITSU)
C-MOS 4-BIT MICROCOMPUTER
 - TOP VIEW -



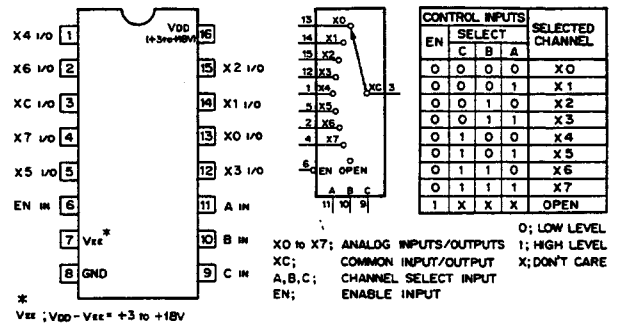
MB40568 (FUJITSU) FLAT PACKAGE
8BIT VIDEO A/D CONVERTER
- TOP VIEW -



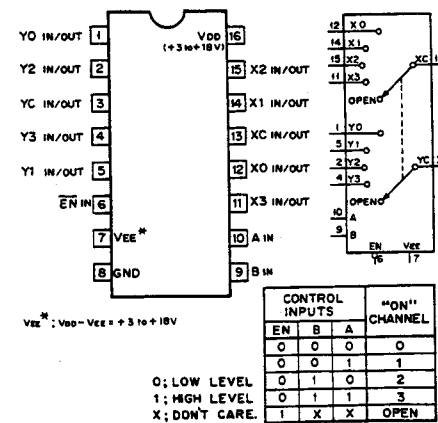
MB88342PF (FUJITSU) FLAT PACKAGE
C-MOS 8-BIT D/A CONVERTER
- TOP VIEW -



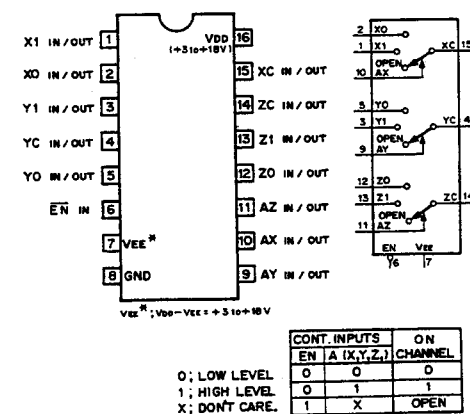
MC14051BF (MOTOROLA) FLAT PACKAGE
C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMUTIPLEXER
- TOP VIEW -



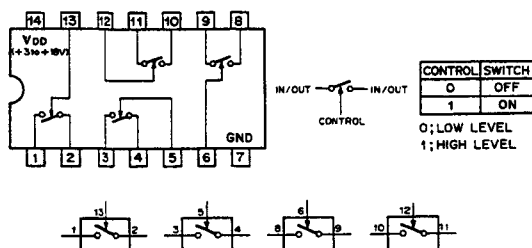
MC14052BF (MOTOROLA) FLAT PACKAGE
C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMUTIPLEXERS
- TOP VIEW -



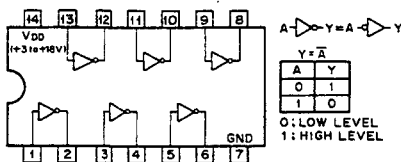
MC14053BCF (MOTOROLA)
MC14053BF (MOTOROLA) FLAT PACKAGE
UPD4053BC (NEC)
C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMUTIPLEXERS
- TOP VIEW -



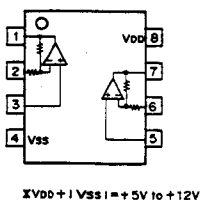
MC14066BF (MOTOROLA) FLAT PACKAGE
CMOS QUAD BILATERAL ANALOG SWITCH
- TOP VIEW -



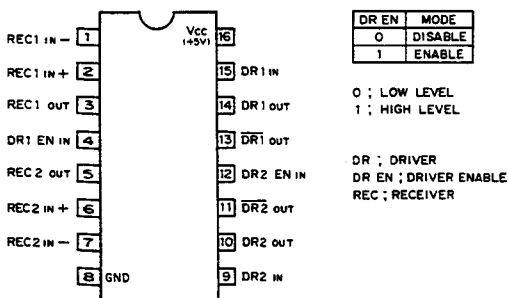
MC14069UBF (MOTOROLA)
CMOS INVERTER
- TOP VIEW -



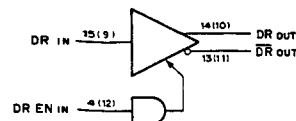
MC14576BF (MOTOROLA) FLAT PACKAGE
CMOS DUAL VIDEO AMPLIFIERS
- TOP VIEW -



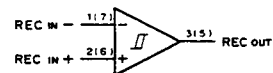
MC34051M (MOTOROLA) FLAT PACKAGE
RS-422 DRIVER/RECEIVER
- TOP VIEW -



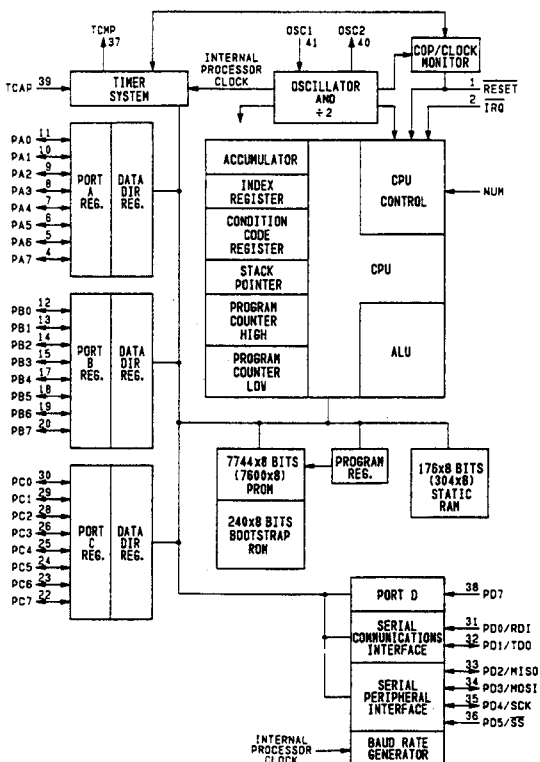
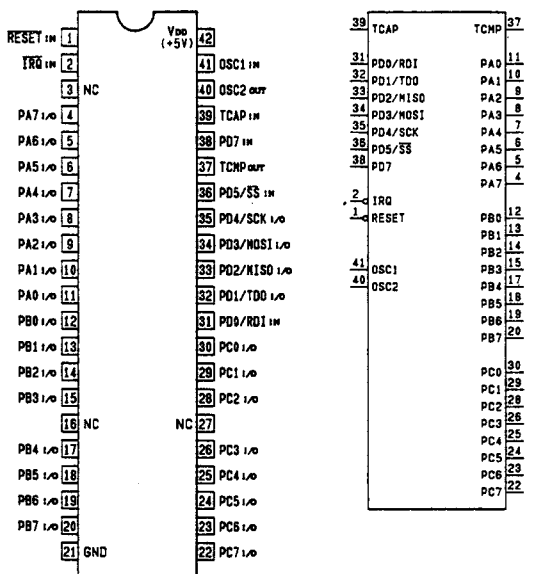
DRIVER CIRCUIT



RECEIVER CIRCUIT

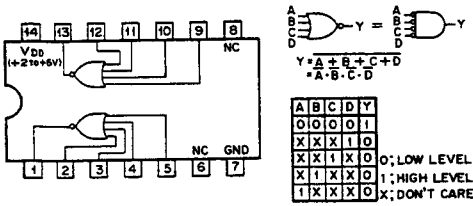


MC68HC05C8 (MOTOROLA)
CMOS 8-BIT MICROCONTROLLER UNIT
- TOP VIEW -



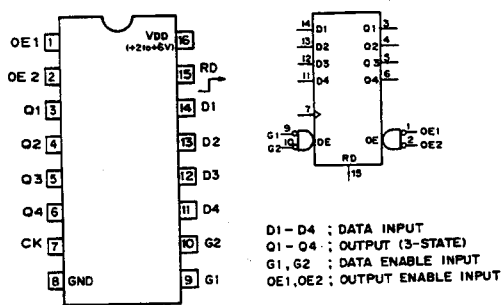
MC74HC4002F (MOTOROLA) FLAT PACKAGE

C-MOS 4-INPUT NOR GATE
- TOP VIEW -



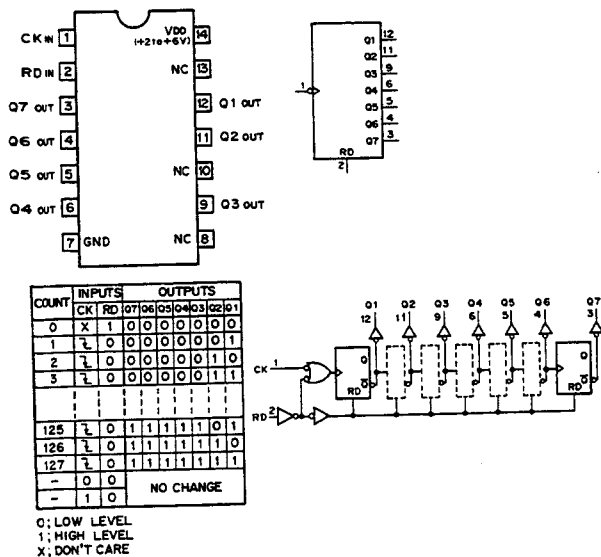
MC74HC173F (MOTOROLA) FLAT PACKAGE

C-MOS 4-BIT D-TYPE REGISTERS WITH 3-STATE OUTPUT
- TOP VIEW -



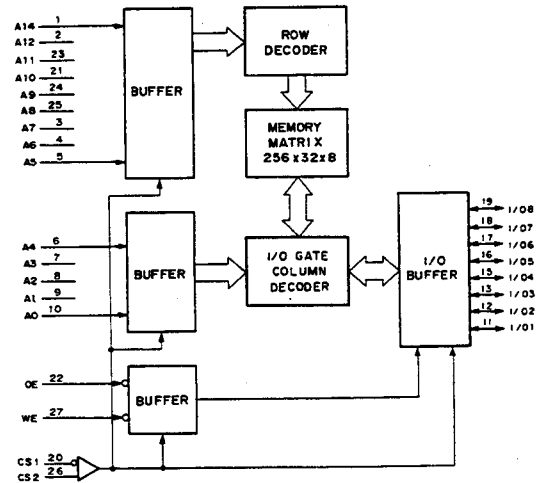
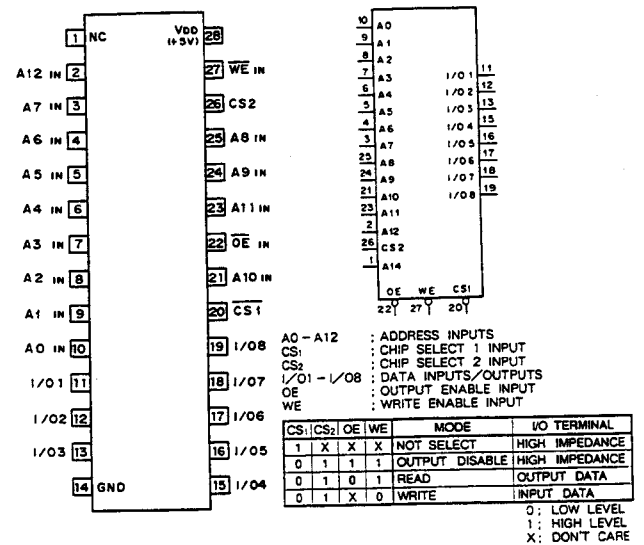
MC74HC4024N (MOTOROLA)

C-MOS 7-BIT BINARY COUNTERS
- TOP VIEW -



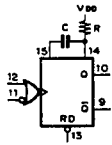
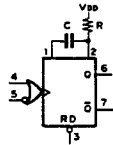
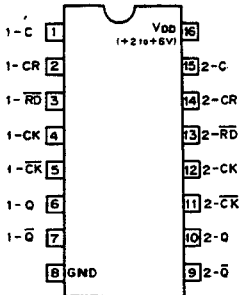
MS6264CLL-10FC (MOSEL) FLAT PACKAGE

C-MOS 64K (8Kx8)-BIT STATIC RAM
- TOP VIEW -

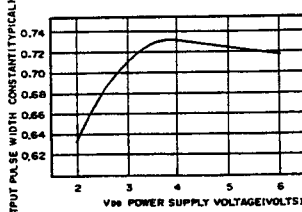


MC74HC4538AN (MOTOROLA)

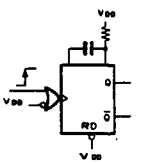
C-MOS DUAL RETRIGGERABLE / NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
- TOP VIEW -



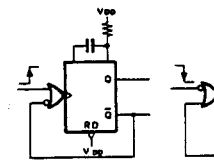
OUTPUT PULSE WIDTH = $k \cdot C \cdot R$



RETRIGGERABLE M.M.V.

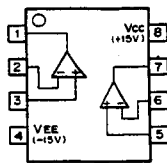


NON-RETRIGGERABLE M.M.V.

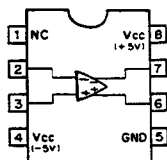


NJM2068DD (JRC)

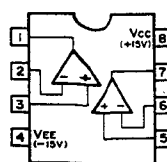
LOW NOISE OPERATIONAL AMPLIFIER
- TOP VIEW -



NJM360M (JRC) FLAT PACKAGE
HIGH SPEED VOLTAGE COMPARATOR
(TTL OUTPUT)
- TOP VIEW -

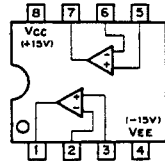


NJM4556M-A (JRC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
(WIDE BAND, DECOMPENSATED)
- TOP VIEW -

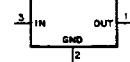
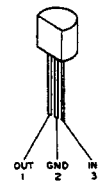


NJM4558D-D (JRC)

NJM4558D-FA (JRC)
NJM4558M (JRC) FLAT PACKAGE
DUAL OPERATIONAL AMPLIFIER
- TOP VIEW -

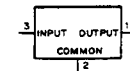
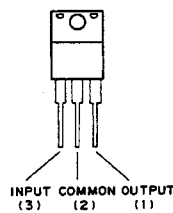


NJM78L09A (JRC) + 9V (100mA)
TA78L09S (TOSHIBA) + 9V (100mA)
POSITIVE VOLTAGE REGULATOR



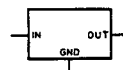
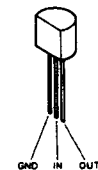
NJM78M09FA (JRC) + 9V

POSITIVE VOLTAGE REGULATOR (500mA)
- FRONT VIEW -

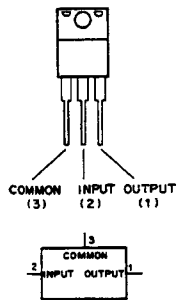


NJM79L05A (JRC) - 5V

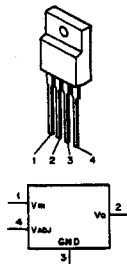
NJM79L09A (JRC) - 9V
NEGATIVE VOLTAGE REGULATOR (100mA)



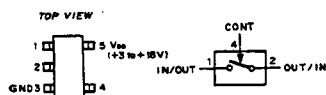
NJM79M09FA (JRC) -9V
NEGATIVE VOLTAGE REGULATOR (500mA)
- FRONT VIEW -



PQ30RV1 (SHARP) VARIABLE 1A
POSITIVE VOLTAGE REGULATOR

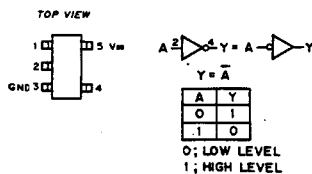


SC14S66FEL (MOTOROLA) CHIP PACKAGE
C-MOS BILATERAL ANALOG SWITCH



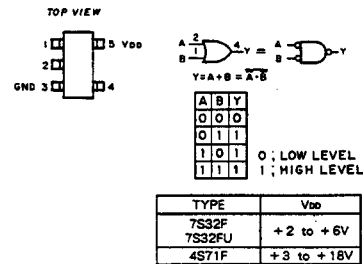
| CONT | SWITCH | |
|------|--------|---------------|
| 0 | OFF | 0: LOW LEVEL |
| 1 | ON | 1: HIGH LEVEL |

SC7S04F (MOTOROLA) CHIP PACKAGE
TC7S04F (TOSHIBA) CHIP PACKAGE
C-MOS INVERTER

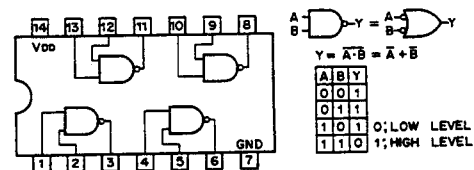


| TYPE | V _{DD} |
|-----------------|-----------------|
| 7S04F 7SU04F | +2 to +6V |
| 4S69F 4SU69F | +3 to +18V |

SC7S32F (MOTOROLA) CHIP PACKAGE
TC7S32F (TOSHIBA) CHIP PACKAGE
C-MOS 2-INPUT OR GATE



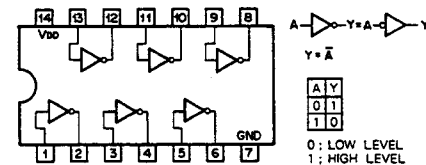
SN74HC00AN (TI)
SN74HC00ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-INPUT NAND GATES
- TOP VIEW -



NOTE:

| TYPE | V _{DD} |
|----------------------------|-----------------|
| TC74AC00 TYPE TC74VHC00 | +2 to +5.5V |
| MC74HCT00N | +5V |
| 74ACT00 TYPE | +4.5 to +5.5V |
| OTHER TYPES | +2 to +6V |

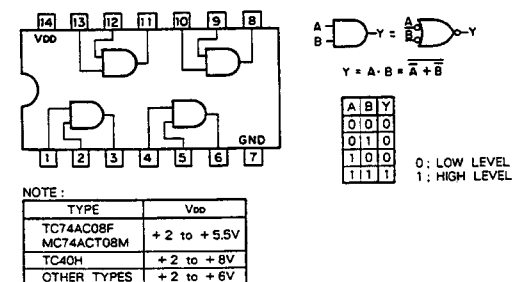
SN74HC04ANS (TI) FLAT PACKAGE
SN74HC04AN (TI)
SN74HC04ANS (TI) FLAT PACKAGE
C-MOS HEX INVERTERS
- TOP VIEW -



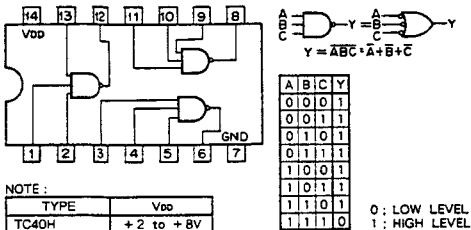
NOTE:

| TYPE | V _{DD} |
|---------------------------------|-----------------|
| 74HCT04 TYPE | +5V |
| TC74AC04 TYPE TC74VHC04 TYPE | +2 to +5.5V |
| 74ACT04 TYPE | +4.5 to +5.5V |
| OTHER TYPES | +2 to +6V |

SN74HC08AN (TI)
SN74HC08ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-INPUT AND GATES
- TOP VIEW -

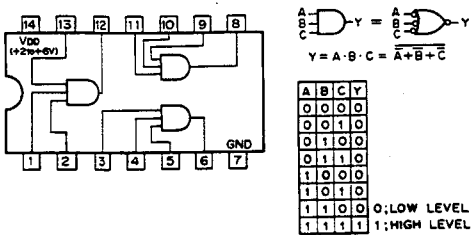


SN74HC10ANS (TI) FLAT PACKAGE

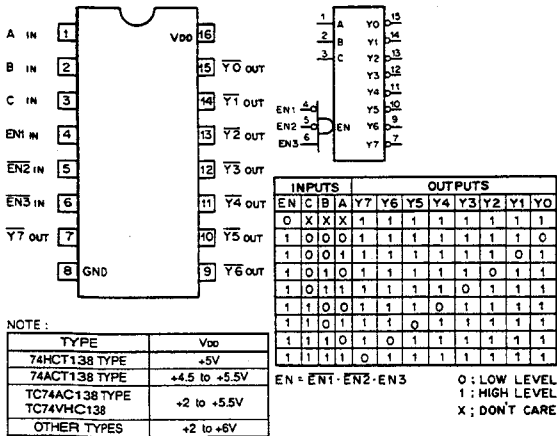
C-MOS 3-INPUT NAND GATE
- TOP VIEW -

SN74HC11ANS (TI) FLAT PACKAGE

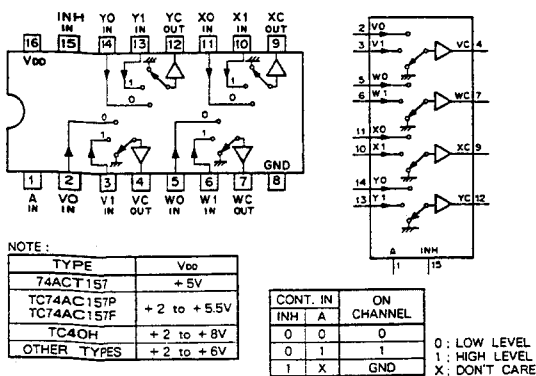
C-MOS 3-INPUT POSITIVE-AND GATE



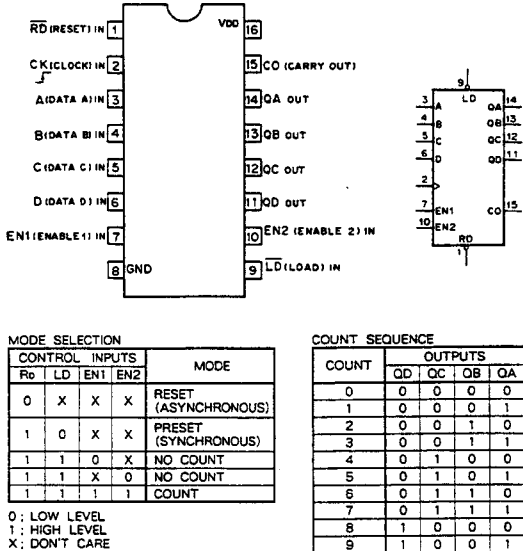
SN74HC138ANS (TI) FLAT PACKAGE

C-MOS 3-TO-8 LINE DECODER/DEMULPLEXER
- TOP VIEW -

SN74HC157ANS (TI) FLAT PACKAGE

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
- TOP VIEW -

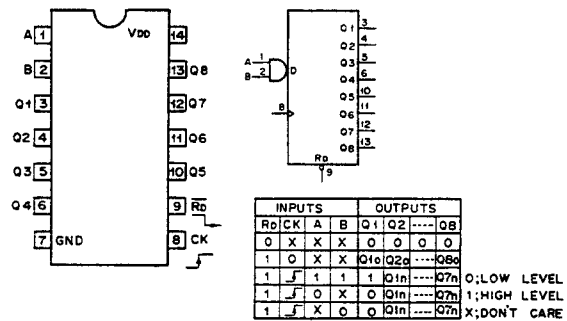
SN74HC161AN (TI)

C-MOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER
- TOP VIEW -

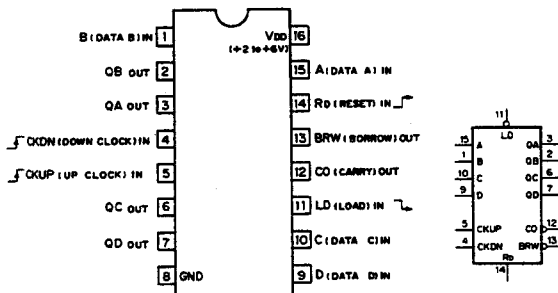
NOTE:

| TYPE | V _{DD} |
|--------|-----------------|
| 74ACT | +5V |
| TC40H | +2 to +8V |
| OTHERS | +2 to +6V |

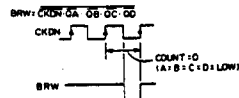
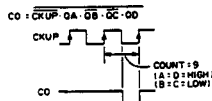
SN74HC164ANS (TI) FLAT PACKAGE

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
- TOP VIEW -

SN74HC192NS (TI) FLAT PACKAGE
C-MOS SYNCHRONOUS UP/DOWN DECADE COUNTER
- TOP VIEW -



| CONTROL INPUTS | | | | | MODE |
|----------------|----|------|------|--|---------------|
| Rd | LD | CKUP | CKDN | | |
| 1 | X | X | X | | RESET TO ZERO |
| 0 | 0 | X | X | | PRESET |
| 0 | 1 | 1 | 1 | | UP COUNT |
| 0 | 1 | 1 | 0 | | DOWN COUNT |
| 0 | 1 | 1 | 1 | | NO COUNT |

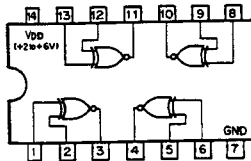


| COUNT | OUTPUTS | | | |
|-------|---------|----|----|----|
| | QD | QC | QB | QA |
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 1 | 1 |
| 4 | 0 | 1 | 0 | 0 |
| 5 | 0 | 1 | 0 | 1 |
| 6 | 0 | 1 | 1 | 0 |
| 7 | 0 | 1 | 1 | 1 |
| 8 | 1 | 0 | 0 | 0 |
| 9 | 1 | 0 | 0 | 1 |

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

UP COUNT
DOWN COUNT

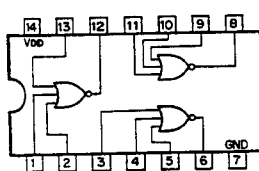
SN74HC266ANS (TI) FLAT PACKAGE
C-MOS 2-INPUT EXCLUSIVE-NOR GATE
- TOP VIEW -



| A | B | Y |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVEL

SN74HC27ANS (TI) FLAT PACKAGE
C-MOS 3-LINE POSITIVE-NOR GATE
- TOP VIEW -



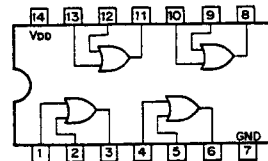
| NOTE: | | VDD |
|--------|--|-----------|
| TYPE | | +2 to +8V |
| OTHERS | | +2 to +6V |

$$Y = A \oplus B \oplus C = \bar{A} \cdot \bar{B} \cdot \bar{C}$$

| A | B | C | Y |
|---|---|---|---|
| 0 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

0: LOW LEVEL
1: HIGH LEVEL

SN74HC32ANS (TI) FLAT PACKAGE
C-MOS QUAD 2-INPUT OR GATES
- TOP VIEW -



$$Y = A + B = \bar{A} \cdot \bar{B}$$

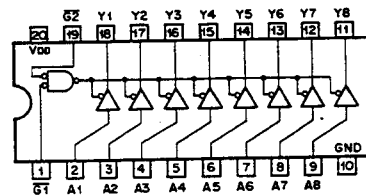
| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVEL

| NOTE: | | VDD |
|---------------|--|-------------|
| TYPE | | +2 to +5.5V |
| TC74AC32 TYPE | | +2 to +5.5V |
| OTHER TYPES | | +2 to +6V |

SN74HC541ANS (TI) FLAT PACKAGE

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS
- TOP VIEW -



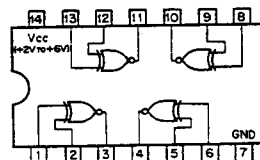
$$Y = A$$

| G1 | G2 | A | Y |
|----|----|---|------|
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 1 |
| 1 | X | X | Hi-Z |
| X | 1 | X | Hi-Z |

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE
Hi-Z: HIGH IMPEDANCE

| NOTE: | | VDD |
|-------------|--|-------------|
| TYPE | | +2 to +5.5V |
| AC/VHC | | +2 to +5.5V |
| HC | | +2 to +6V |
| ACT/BCT/HCT | | +5V |

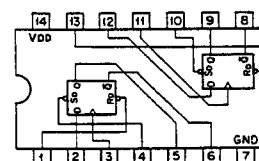
SN74HC7266NS (TI) FLAT PACKAGE
C-MOS 2-INPUT EXCLUSIVE-NOR GATES
- TOP VIEW -



| A | B | Y |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL
1: HIGH LEVEL

SN74HC74AN (TI)
SN74HC74ANS (TI) FLAT PACKAGE
C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
- TOP VIEW -

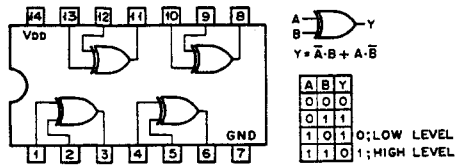


| INPUTS | | OUTPUTS | |
|--------|-----|---------|------|
| SD | RCK | D | Qn+1 |
| 0 | 1 | X | 0 |
| 0 | 0 | X | 0 |
| 1 | 0 | X | 1 |
| 1 | 1 | X | 1 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

0: LOW LEVEL
1: HIGH LEVEL
X: DON'T CARE

| NOTE: | | VDD |
|---------------|--|---------------|
| TYPE | | +5V |
| TC74HCT74AF | | +5V |
| TC74AC74 TYPE | | +2 to +5.5V |
| 74ACT74 TYPE | | +4.5 to +5.5V |
| OTHER TYPES | | +2 to +6V |

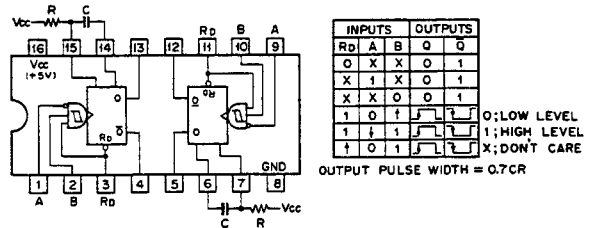
SN74HC86ANS (TI) FLAT PACKAGE
C-MOS QUAD EXCLUSIVE OR GATES
- TOP VIEW -



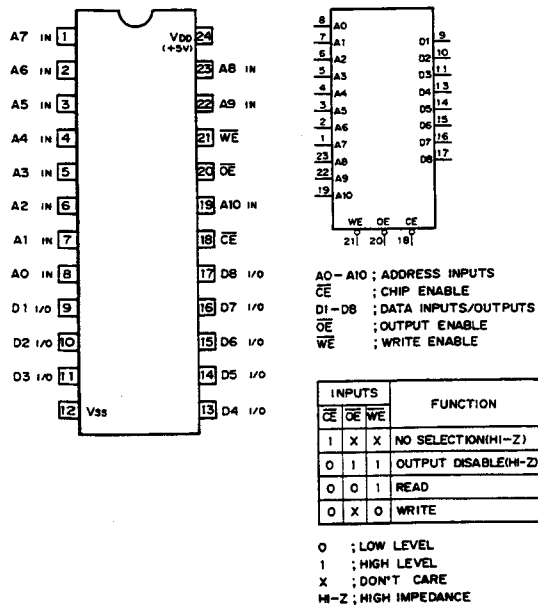
NOTE:

| TYPE | V _{DD} |
|---------------|-----------------|
| TC74AC86 TYPE | +2 to +5.5V |
| OTHER TYPES | +2 to +6V |

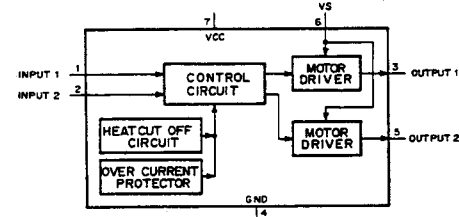
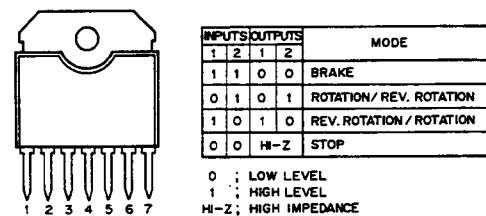
SN74LS221NS (TI) FLAT PACKAGE
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
- TOP VIEW -



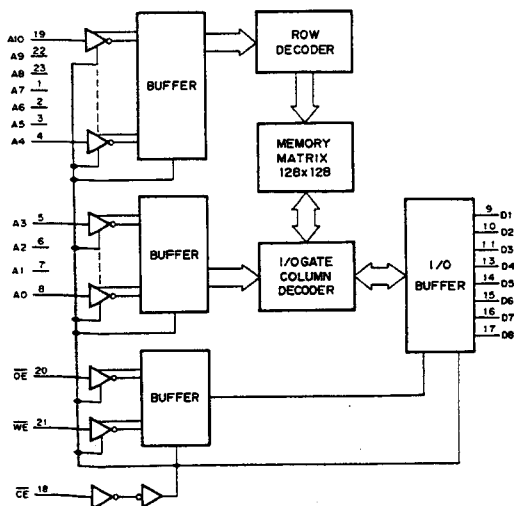
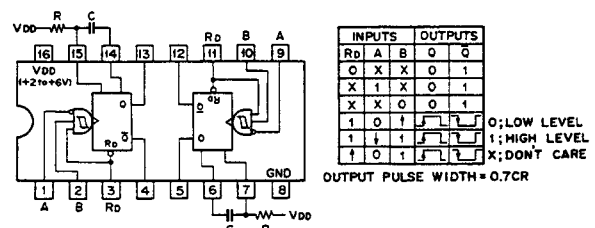
SRM2016M10 (SEIKO EPSON) FLAT PACKAGE
C-MOS 16384-BIT (2048x8) STATIC RAM
- TOP VIEW -



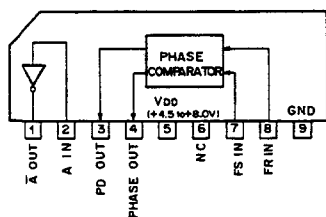
TA7267P (TOSHIBA)
DC MOTOR DRIVER
- PRINTED SIDE VIEW -



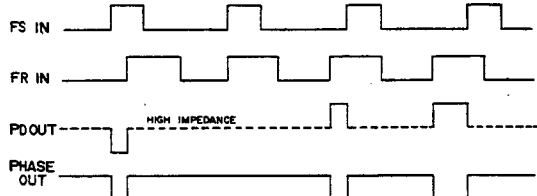
TC74HC221AF (TOSHIBA) FLAT PACKAGE
C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
- TOP VIEW -



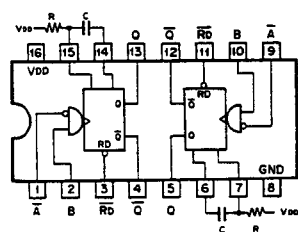
TC5081AP (TOSHIBA)
CMOS PHASE COMPARATOR
- SIDE VIEW -



PHASE COMPARATOR TIMING CHART



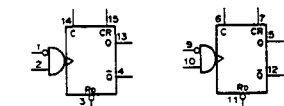
TC74HC123AF (TOSHIBA) FLAT PACKAGE
CMOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS
- TOP VIEW -



| INPUT | | OUTPUT | |
|-------|---|--------|---|
| RD | A | Q | Q |
| 0 | X | X | 0 |
| 1 | 1 | X | 0 |
| 1 | X | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 |
| 1 | 0 | 1 | 1 |
| 1 | 1 | 1 | 1 |

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

OUTPUT PULSE WIDTH = 0.46CR

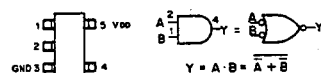


NOTE:

| TYPE | V _{DD} |
|--------------|-----------------|
| TC74HCT123AF | +5V |
| OTHER TYPES | +2 to +6V |

TC7S08F (TOSHIBA) CHIP PACKAGE
CMOS 2-INPUT AND GATE

(SCALE 6/1)
TOP VIEW

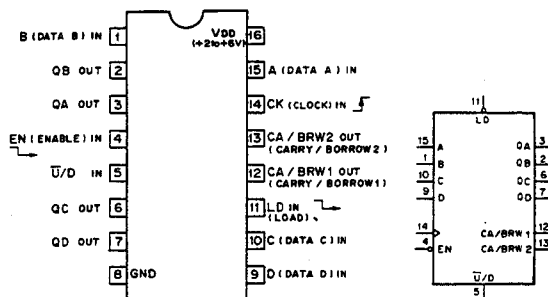


| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0; LOW LEVEL
1; HIGH LEVEL

| TYPE | V _{DD} |
|--------|-----------------|
| 7S08F | +2 to +6V |
| 7S08FU | +2 to +6V |
| 4S81F | +3 to +18V |
| 14S81F | +3 to +18V |

TC74HC191AF (TOSHIBA) FLAT PACKAGE
CMOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER
- TOP VIEW -

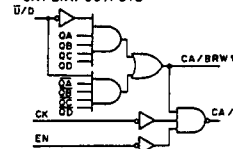


MODE SELECTION

| CONTROL INPUTS | | | MODE |
|----------------|----|-----|-----------------------|
| LD | EN | U/D | |
| 0 | X | X | PRESET (ASYNCHRONOUS) |
| 1 | 1 | X | NO COUNT |
| 1 | 0 | 0 | UP COUNT |
| 1 | 0 | 1 | DOWN COUNT |

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE.

CA/BRW OUTPUTS



CA/BRW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN COUNT.

CA/BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA/BRW1 OUTPUT IS HIGH.

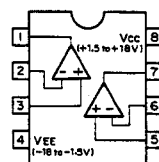
COUNT SEQUENCE

| COUNT | OUTPUTS | | | |
|-------|---------|----|----|----|
| | QD | QC | QB | QA |
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 1 |
| 2 | 0 | 0 | 1 | 0 |
| 3 | 0 | 0 | 1 | 1 |
| 4 | 0 | 1 | 0 | 0 |
| 5 | 0 | 1 | 0 | 1 |
| 6 | 0 | 1 | 1 | 0 |
| 7 | 0 | 1 | 1 | 1 |
| 8 | 1 | 0 | 0 | 0 |
| 9 | 1 | 0 | 0 | 1 |
| 10 | 1 | 0 | 1 | 0 |
| 11 | 1 | 0 | 1 | 1 |
| 12 | 1 | 1 | 0 | 0 |
| 13 | 1 | 1 | 0 | 1 |
| 14 | 1 | 1 | 1 | 0 |
| 15 | 1 | 1 | 1 | 1 |

UP COUNT
DOWN COUNT

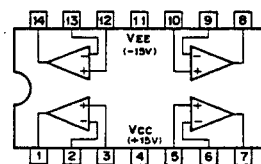
TL062CPS (TI) FLAT PACKAGE
TL082CPS (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER
(JFET INPUT)
- TOP VIEW -

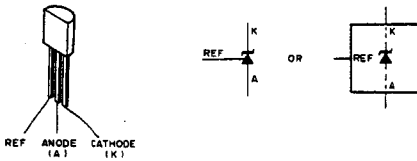


TL084CNS (TI) FLAT PACKAGE

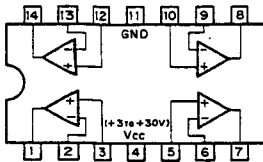
OPERATIONAL AMPLIFIER
(J FET-INPUT)
- TOP VIEW -



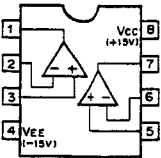
TL431CLP (TI)
ADJUSTABLE PRECISION SHUNT REGULATOR



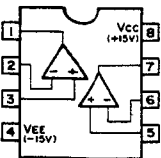
UPC324G2 (NEC) FLAT PACKAGE
QUAD OPERATIONAL AMPLIFIERS
- TOP VIEW -



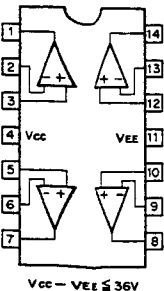
UPC4557C (NEC)
OPERATIONAL AMPLIFIER (WIDE BAND, LOW NOISE)
- TOP VIEW -



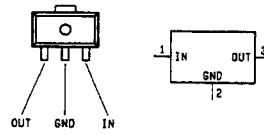
UPC4570C (NEC)
UPC4570G2 (NEC) FLAT PACKAGE
OPERATIONAL AMPLIFIER
- TOP VIEW -



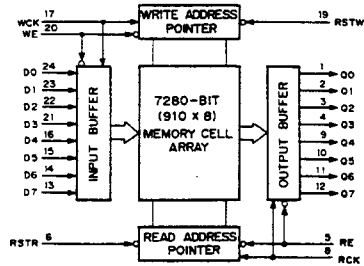
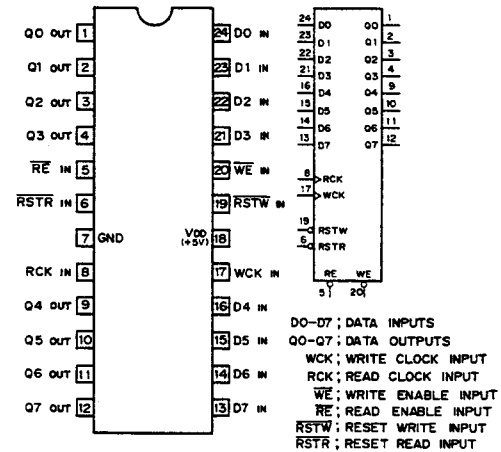
UPC4574G2 (NEC)
QUAD OPERATIONAL AMPLIFIER
- TOP VIEW -



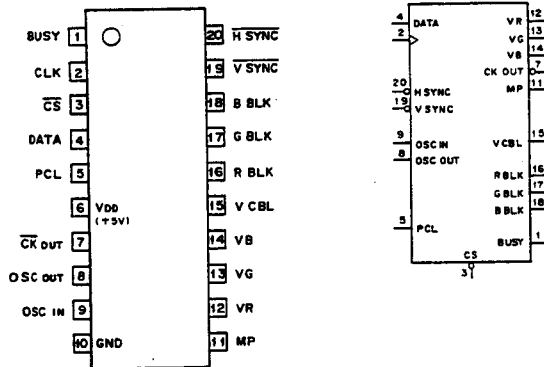
UPC78L05T (NEC) +5V
POSITIVE VOLTAGE REGULATOR (100mA)



UPD42101C-3 (NEC)
UPD42101G-3 (NEC) FLAT PACKAGE
C-MOS 7K (910x8)-BIT FIFO MEMORY
- TOP VIEW -

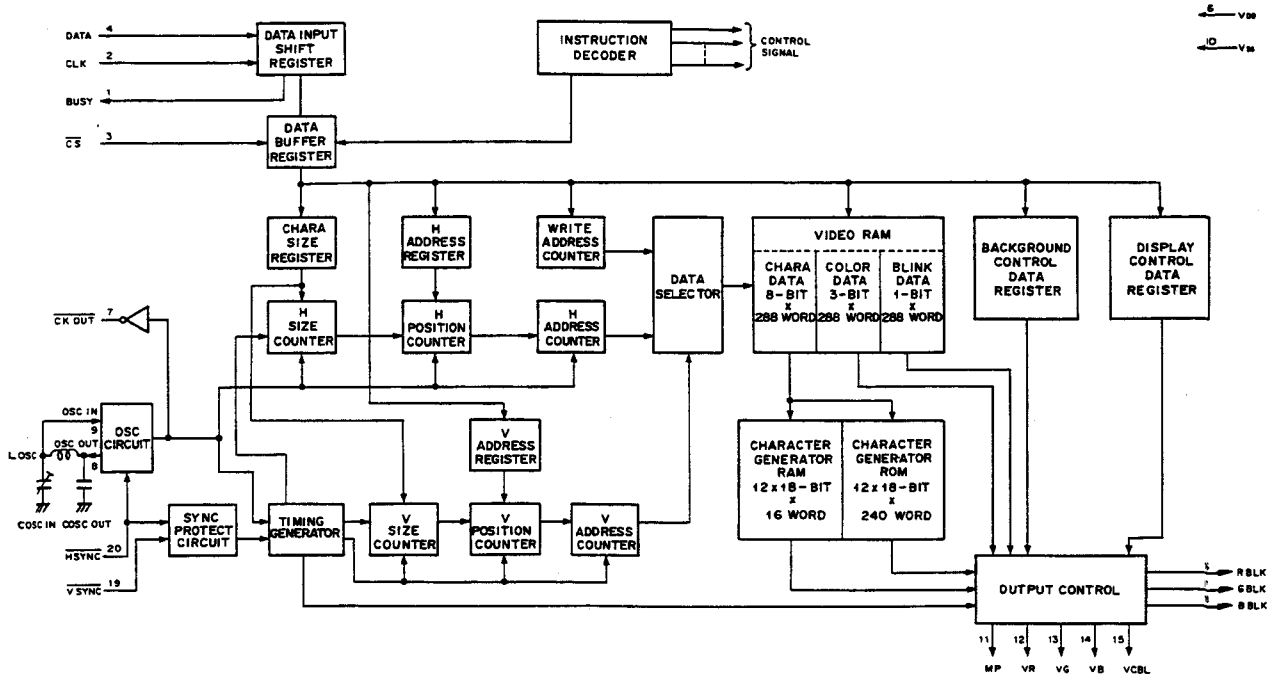


UPD6453GT (NEC) FLAT PACKAGE
C-MOS ON-SCREEN CHARACTER DISPLAY
- TOP VIEW -



INPUT
CLK : CLOCK
CS : CHIP SELECT
DATA : SERIAL DATA
H SYNC : HORIZONTAL SYNC
OSC IN : OSCILLATOR IN
PCL : POWER ON CLEAR
V SYNC : VERTICAL SYNC

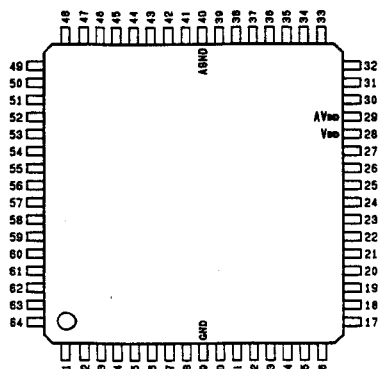
OUTPUT
RBLK, GBLK, VBLK : B, R, G, BLANKING
BUSY : BUSY OUT
CK OUT : CLOCK
MP : MASK PULSE
OSC OUT : OSCILLATOR OUT
VR, VG, VB : R, G, B, CHARACTER DATA
VCBL : VIDEO CUT BLANKING



UPD75028GC (NEC)

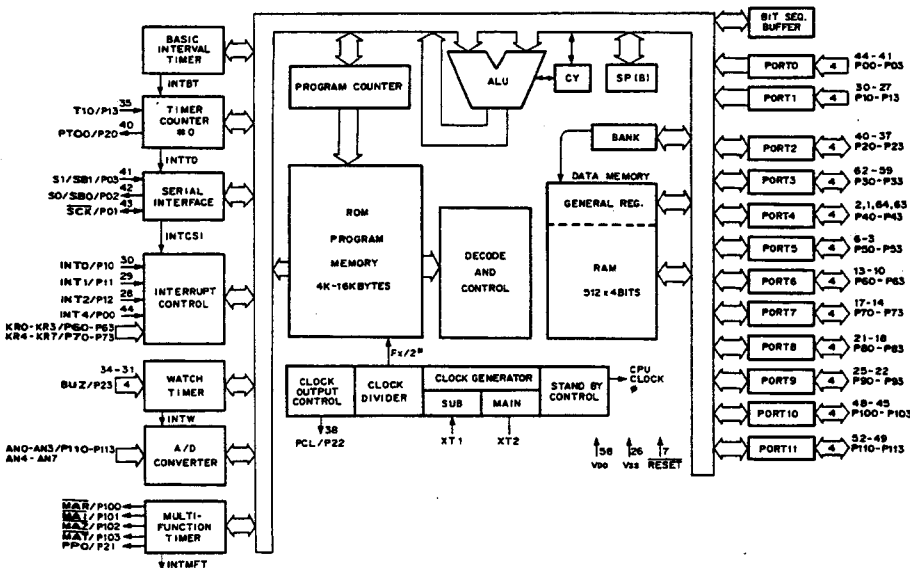
C-MOS 4-BIT 1-CHIP MICROCOMPUTER

- TOP VIEW -

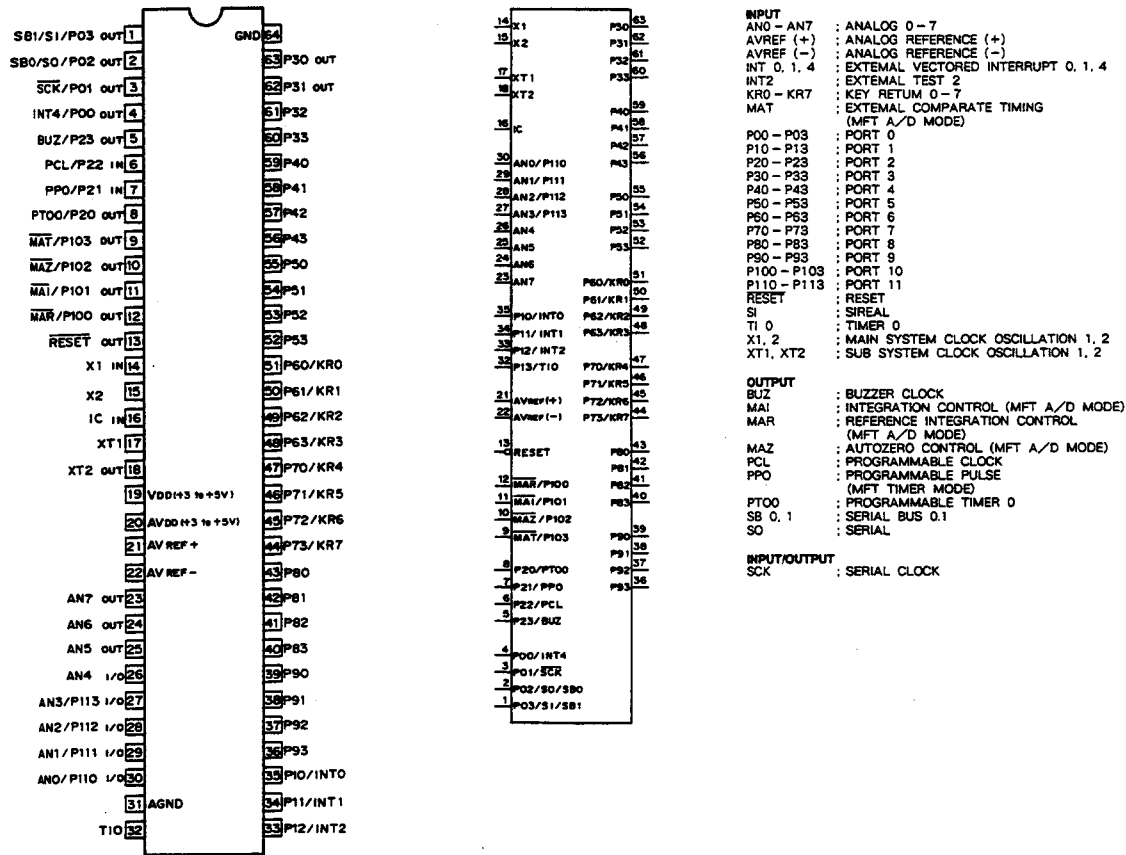


| PIN NO. | I/O | SYMBOL | PIN NO. | I/O | SYMBOL | PIN NO. | I/O | SYMBOL | PIN NO. | I/O | SYMBOL |
|---------|-----|------------|---------|-----|----------|---------|-----|----------|---------|-----|---------|
| 1 | I/O | P43 | 17 | I/O | PT00/P20 | 33 | I | AN6 | 49 | I/O | P83 |
| 2 | I/O | P42 | 18 | I/O | MAT/P103 | 34 | I | AN5 | 50 | I/O | P82 |
| 3 | I/O | P41 | 19 | I/O | MAZ/P102 | 35 | I | AN4 | 51 | I/O | P81 |
| 4 | I/O | P40 | 20 | I/O | MAI/P101 | 36 | I | AN3/P113 | 52 | I/O | P80 |
| 5 | I/O | P39 | 21 | I/O | MAR/P100 | 37 | I | AN2/P112 | 53 | I/O | P79/KR7 |
| 6 | I/O | P38 | 22 | I | RESET | 38 | I | AN1/P111 | 54 | I/O | P78/KR6 |
| 7 | I/O | P37 | 23 | I | X1 | 39 | I | AN0/P110 | 55 | I/O | P77/KR5 |
| 8 | I/O | P36 | 24 | - | X2 | 40 | I | A GND | 56 | I/O | P76/KR4 |
| 9 | - | GND | 25 | - | IC | 41 | I | TIO/P13 | 57 | I/O | P63/KR3 |
| 10 | I/O | SB1/SI/P03 | 26 | I | XT1 | 42 | I | P12/INT2 | 58 | I/O | P62/KR2 |
| 11 | I/O | SB0/SO | 27 | I/O | XT2 | 43 | I | P11/INT1 | 59 | I/O | P61/KR1 |
| 12 | I/O | SCK/P01 | 28 | - | VDD | 44 | I | P10/INT0 | 60 | I/O | P60/KR0 |
| 13 | I | INT4/P00 | 29 | - | AVDD | 45 | I/O | P93 | 61 | I/O | P53 |
| 14 | I/O | BUZ/P23 | 30 | - | AVREF - | 46 | I/O | P92 | 62 | I/O | P52 |
| 15 | I/O | PCL/P22 | 31 | - | AVREF - | 47 | I/O | P91 | 63 | I/O | P51 |
| 16 | I/O | PP0/P21 | 32 | I | AN7 | 48 | I/O | P90 | 64 | I/O | P50 |

| | | | | | |
|----|------------|----------|----|--------------|------------------------------------------------|
| 13 | P00/INT4 | P50 | 64 | INPUT | |
| 12 | P01/SCK | P51 | 63 | AN0 - AN7 | : ANALOG 0 - 7 |
| 11 | P02/S0/SB0 | P52 | 62 | AVREF (+) | : ANALOG REFERENCE (+) |
| 10 | P03/S1/SB1 | P53 | 61 | AVREF (-) | : ANALOG REFERENCE (-) |
| | | | | INT 0, 1, 4 | : EXTERNAL VECTORED INTERRUPT 0, 1, 4 |
| 44 | P10/INT0 | P60/KR0 | 60 | INT2 | : EXTERNAL TEST 2 |
| 43 | P11/INT1 | P61/KR1 | 59 | KR0 - KR7 | : KEY RETURN 0 - 7 |
| 42 | P12/INT2 | P62/KR2 | 58 | MAT | : EXTERNAL COMPARE TIMING (MFT A/D MODE) |
| 41 | P13/TIO | P63/KR3 | 57 | P00 - P03 | : PORT 0 |
| | | | | P10 - P13 | : PORT 1 |
| 17 | P20/PT00 | PT0/KR4 | 56 | P20 - P23 | : PORT 2 |
| 16 | P21/PT01 | PT1/KR5 | 55 | P30 - P33 | : PORT 3 |
| 15 | P22/PCL | P72/KR6 | 54 | P40 - P43 | : PORT 4 |
| 14 | P23/BUZ | P73/KR7 | 53 | P50 - P53 | : PORT 5 |
| | | | | P60 - P63 | : PORT 6 |
| 8 | P30 | P80 | 52 | P70 - P73 | : PORT 7 |
| 7 | P31 | P81 | 51 | P80 - P83 | : PORT 8 |
| 6 | P32 | P82 | 50 | P90 - P93 | : PORT 9 |
| 5 | P33 | P83 | 49 | P100 - P103 | : PORT 10 |
| | | | | P110 - P113 | : PORT 11 |
| 4 | P40 | P90 | 48 | RESET | : RESET |
| 3 | P41 | P91 | 47 | SI | : SIREAL |
| 2 | P42 | P92 | 46 | TI 0 | : TIMER 0 |
| 1 | P43 | P93 | 45 | X1, 2 | : MAIN SYSTEM CLOCK OSCILLATION 1, 2 |
| | | | | XT1, XT2 | : SUB SYSTEM CLOCK OSCILLATION 1, 2 |
| 25 | RESET | MAR/P100 | 21 | OUTPUT | |
| 24 | X1 | MAI/P101 | 20 | BUZ | : BUZZER CLOCK |
| 23 | X2 | MAZ/P102 | 19 | MAI | : INTEGRATION CONTROL (MFT A/D MODE) |
| 22 | XT1 | MAT/P103 | 18 | MAR | : REFERENCE INTEGRATION CONTROL (MFT A/D MODE) |
| 21 | XT2 | | | MAZ | : AUTOZERO CONTROL (MFT A/D MODE) |
| | | | | PCL | : PROGRAMMABLE CLOCK |
| | | | | PP0 | : PROGRAMMABLE PULSE (MFT TIMER MODE) |
| | | | | PT00 | : PROGRAMMABLE TIMER 0 |
| | | | | SB 0, 1 | : SERIAL BUS 0, 1 |
| | | | | SO | : SERIAL |
| | | | | INPUT/OUTPUT | |
| | | | | SCK | : SERIAL CLOCK |



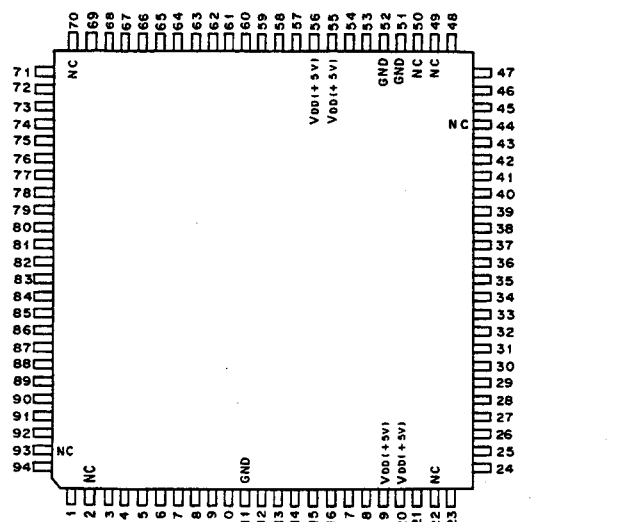
UPD75048CW (NEC)

C-MOS 4-BIT 1-CHIP MICROCOMPUTER
- TOP VIEW -

UPD70320GJ-8-5BG (NEC)

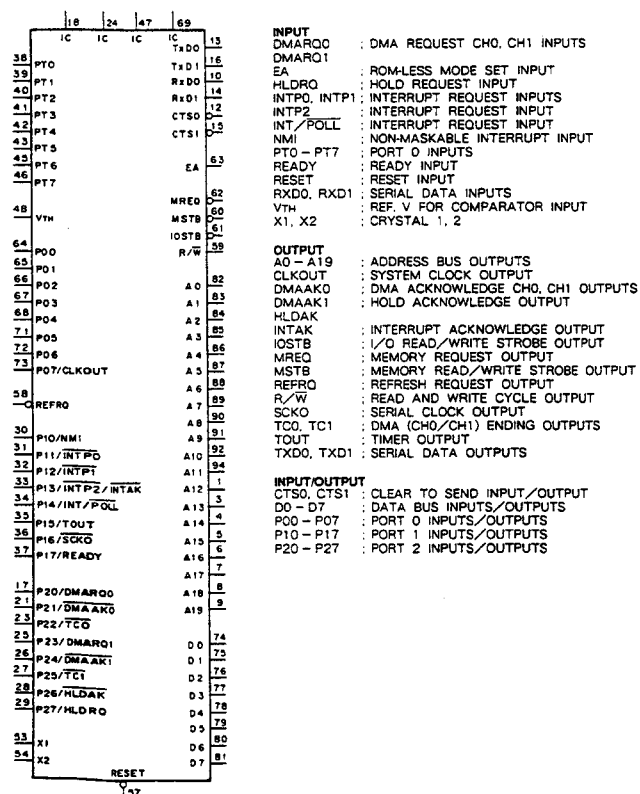
CMOS SINGLE CHIP 16/8-BIT MICROCOMPUTER

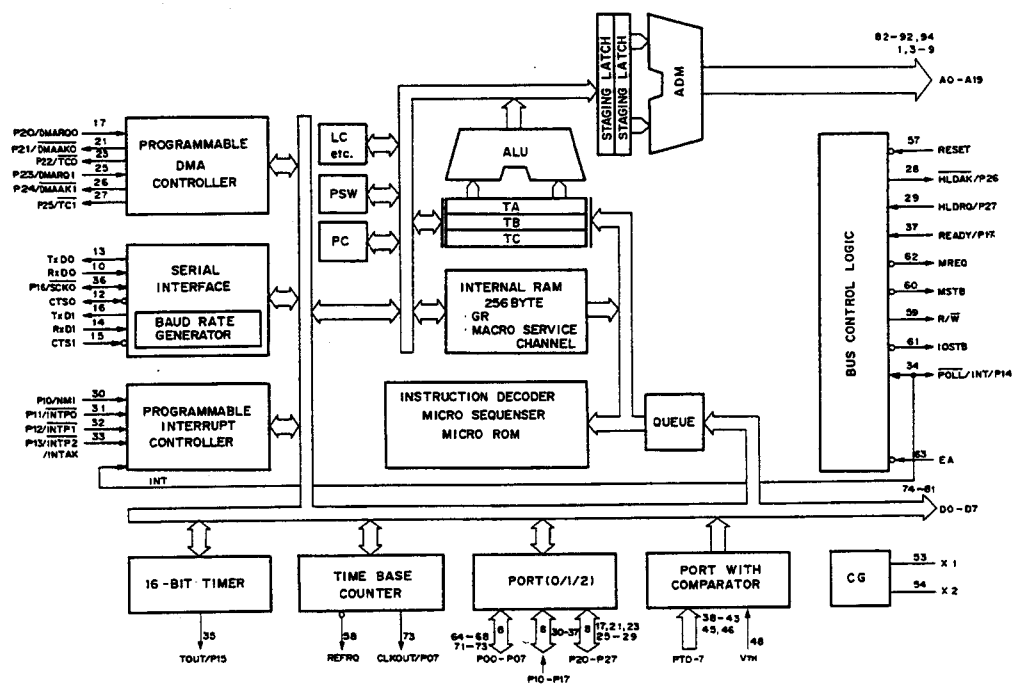
- TOP VIEW -

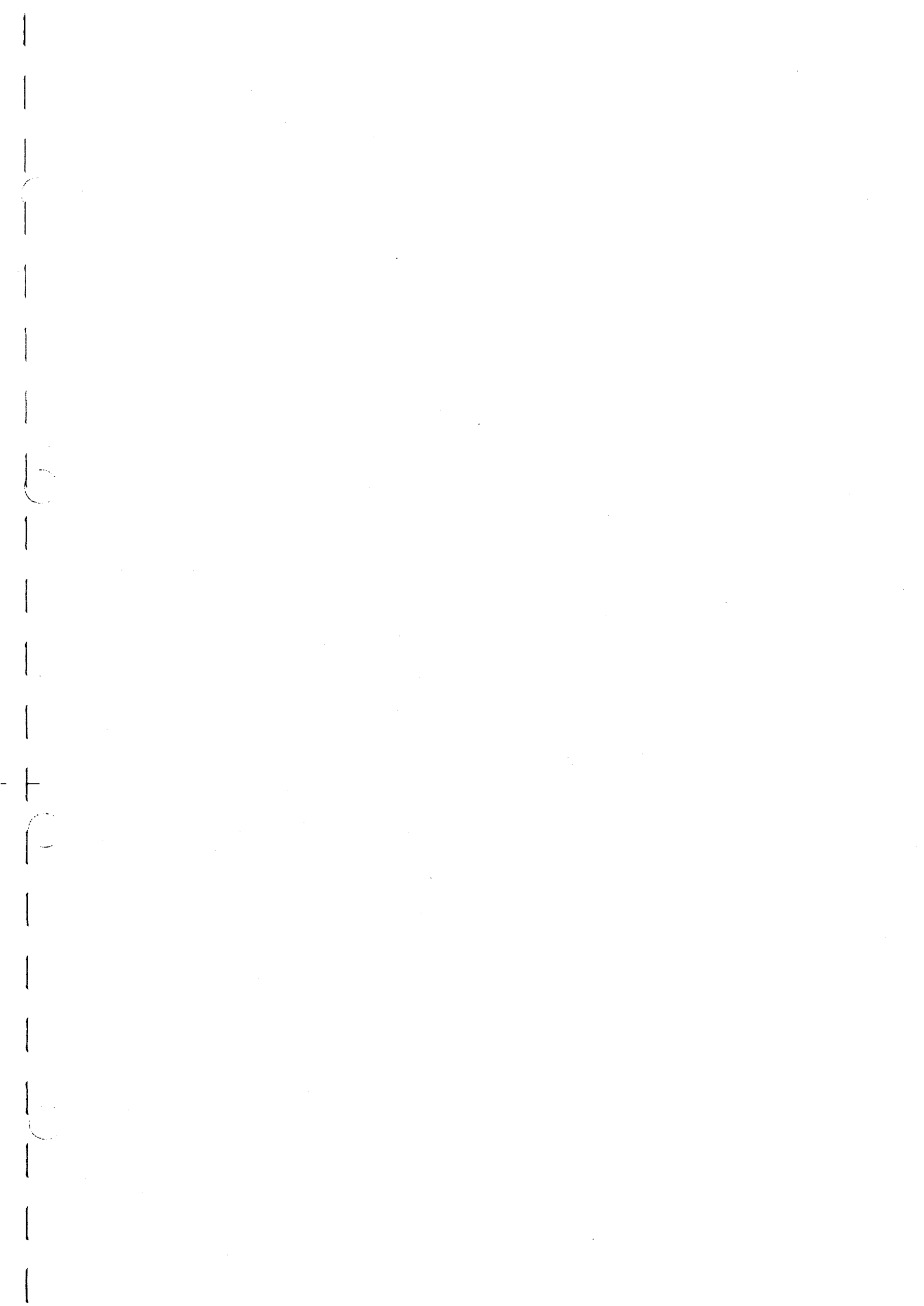


(VDD = +5V)

| PIN No. | I/O | SYMBOL | PIN No. | I/O | SYMBOL | PIN No. | I/O | SYMBOL |
|---------|-----|-------------|---------|-----|-----------------|---------|-----|-------------|
| 1 | O | A12 | 33 | I/O | P13/INTP2/INTAK | 65 | I/O | P01 |
| 2 | - | NC | 34 | I/O | P14/INT/POLL | 66 | I/O | P02 |
| 3 | O | A13 | 35 | I/O | P15/TOUT | 67 | I/O | P03 |
| 4 | O | A14 | 36 | I/O | P16/SCK0 | 68 | I/O | P04 |
| 5 | O | A15 | 37 | I/O | P17/READY | 69 | - | INT.CONNECT |
| 6 | O | A16 | 38 | I | PT0 | 70 | - | NC |
| 7 | O | A17 | 39 | I | PT1 | 71 | I/O | P05 |
| 8 | O | A18 | 40 | I | PT2 | 72 | I/O | P06 |
| 9 | O | A19 | 41 | I | PT3 | 73 | I/O | P07/CLKOUT |
| 10 | I | RxD0 | 42 | I | PT4 | 74 | I/O | D0 |
| 11 | - | GND | 43 | I | PT5 | 75 | I/O | D1 |
| 12 | I/O | CTS0 | 44 | - | NC | 76 | I/O | D2 |
| 13 | O | TxD0 | 45 | I | PT6 | 77 | I/O | D3 |
| 14 | I | RxD1 | 46 | I | PT7 | 78 | I/O | D4 |
| 15 | I | CTS1 | 47 | - | INT.CONNECT | 79 | I/O | D5 |
| 16 | O | TxD1 | 48 | - | VTH | 80 | I/O | D6 |
| 17 | I/O | P20/DMAK0 | 49 | - | NC | 81 | I/O | D7 |
| 18 | - | INT.CONNECT | 50 | - | NC | 82 | O | A0 |
| 19 | - | VDD | 51 | - | GND | 83 | O | A1 |
| 20 | - | VDD | 52 | - | GND | 84 | O | A2 |
| 21 | I/O | P21/DMAK0 | 53 | - | X1 | 85 | O | A3 |
| 22 | - | NC | 54 | - | X2 | 86 | O | A4 |
| 23 | I/O | P22/TC0 | 55 | - | VDD | 87 | O | A5 |
| 24 | - | INT.CONNECT | 56 | - | VDD | 88 | O | A6 |
| 25 | I/O | P23/DMAK1 | 57 | I | RESET | 89 | O | A7 |
| 26 | I/O | P24/DMAK1 | 58 | O | REFRQ | 90 | O | A8 |
| 27 | I/O | P25/TC1 | 59 | O | R/W | 91 | O | A9 |
| 28 | I/O | P26/HLDK | 60 | O | MSTB | 92 | O | A10 |
| 29 | I/O | P27/HLDK | 61 | O | IOSTB | 93 | - | NC |
| 30 | I | P10/NMI | 62 | O | MREQ | 94 | O | A11 |
| 31 | I | P11/INTP0 | 63 | I | EA | | | |
| 32 | I | P12/INTP1 | 64 | I/O | P00 | | | |









SECTION 18

SPARE PARTS AND OPTIONAL FIXTURES

18-1. NOTES ON SPARE PARTS

(1) Safety Related Components Warning

Components marked with \triangle on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose part numbers appear in this manual or in service bulletin and service manual supplements published by Sony.

(2) Standardization of Parts

Repair parts supplied from Sony Parts Center may not be always identical with the parts which actually in use due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts".

This manual's exploded views and electrical spare parts list are indicating the part numbers of "the standardized genuine parts at present".

(3) Stock of Parts

Parts marked with "o" SP (Supply Code) column of the spare parts list are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

(4) Units for Capacitors, Inductors and Resistors

The following units are assumed in schematic diagrams, electrical parts list and exploded views unless otherwise specified.

Capacitors : μF

Inductors : μH

Resistors : Ω

(5) Tension Spring

($\times \times T$) after a tension spring is shown on the parts list in order to indicate the number of spring turns required for the use.

(Example) TENSION, SPRING (20 T) :

This spring must be cut at its 20th turn for actual use.

18-1. 補修用部品注意事項

(1) 安全重要部品

回路図、分解図、電気部品表中、 \triangle 印の部品は安全性を維持するために重要な部品です。従ってこれらの部品を交換するときには必ず指定の部品と交換して下さい。

(2) 部品の共通化

ソニーから供給される部品は、セットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。

分解図や電気部品表には現時点での共通化された部品が記載されています。

(3) 部品の在庫

部品表のSP (Supply code) 欄に"o"で示される部品は交換頻度が低い部品です。在庫していないことがあり、納期が長くなることがあります。

(4) コンデンサー、インダクター、抵抗の単位

回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

コンデンサー : μF

インダクター : μH

抵抗 : Ω

(5) 引張コイルバネ

部品表中の引張コイルバネの名称のあとの($\times \times T$)は、使用時の巻数を示しています。

(例) TENSION, SPRING (20 T)

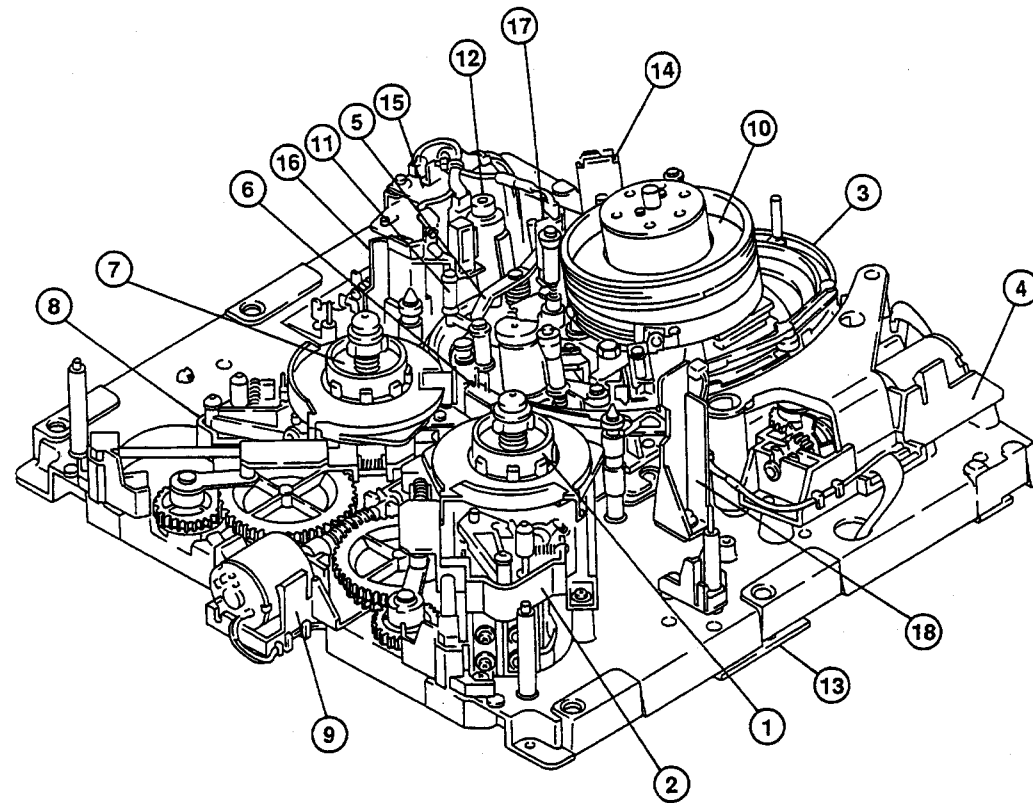
巻数が20になるように切断し、使用する。

18-2. EXPLODED VIEWS

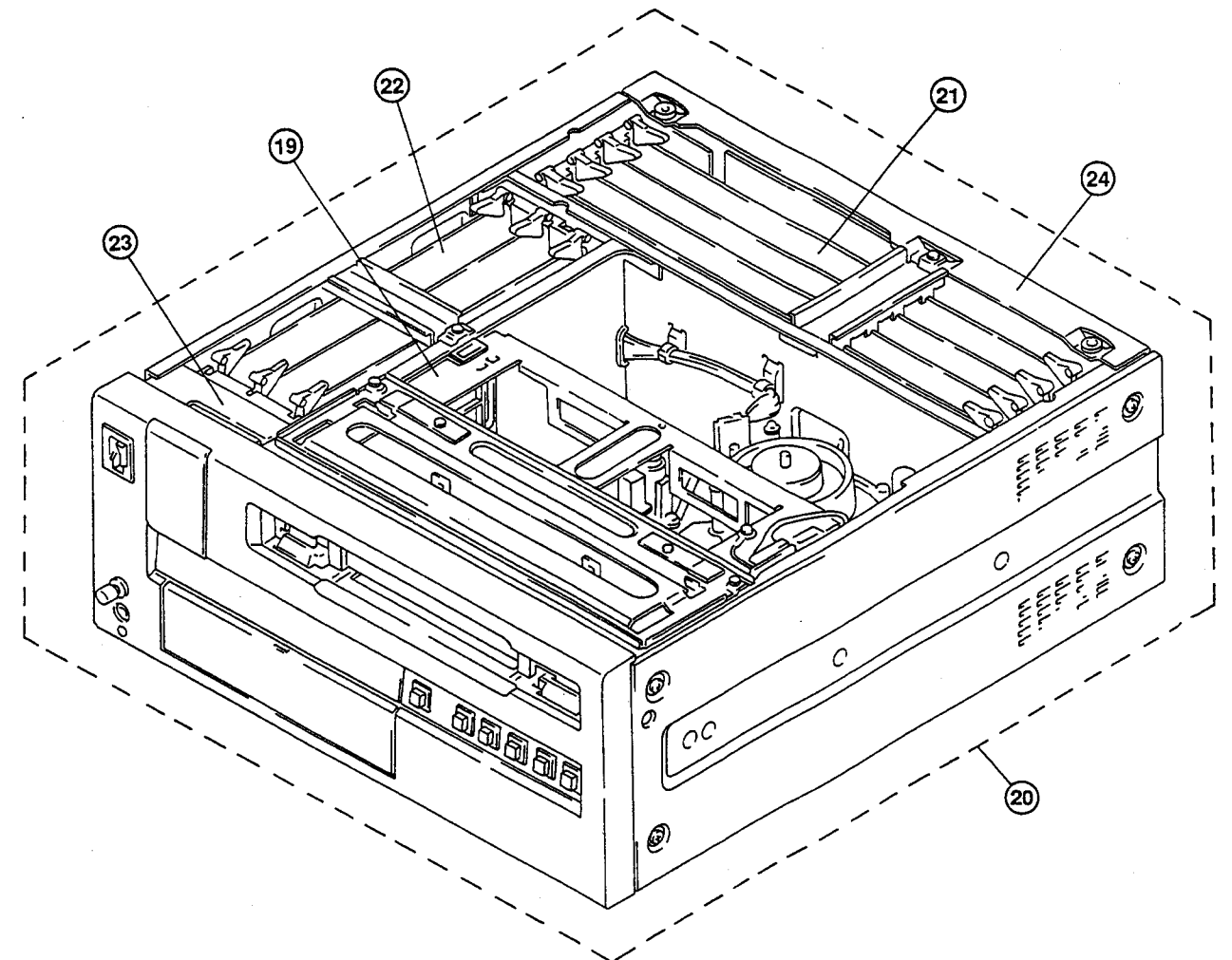
Index of Main Mechanical Parts/Components

| Mark | Item | Title | Page |
|-----------------------|---------------------------------------------------------------------------------------------|-----------------------------------|-------|
| ① ② | Reel Table Block (T) RS Table (T) Block | REEL CHASSIS (1) | 18-4 |
| ③ ④ ⑤ | Loading Ring Block Gear Box Block Cleaning Roller Block | LOADING RING | 18-6 |
| ⑥ ⑦ ⑧ ⑨ | MC Block Reel Table Block (S) RS Table (S) Block LS Motor Block | REEL CHASSIS (2) | 18-8 |
| ⑩ ⑪ ⑫ | Head Drum Tension Regulator Block Capstan Motor | DRUM & TENSION REGULATOR ASSEMBLY | 18-10 |
| ⑬ | DR-214 Board | DR-214 BOARD ASSEMBLY | 18-12 |
| ⑭ ⑮ ⑯ ⑰ ⑱ | AT Head (R) Block Pinch Press Block FE Head Block CTL Head Block T Sensor Block | PRESS ASSY, PINCH | 18-14 |
| ⑲ | Cassette Compartment | CASSETTE COMPARTMENT ASSEMBLY | 18-16 |
| ⑳ | Upper Lid Bottom Plate Cabinet (right) Cabinet (left) | CHASSIS & ORNAMENTAL PANEL BLOCK | 18-18 |
| ㉑ | Printed Circuit Boards | CARD RACK BLOCK (1) | 18-20 |
| ㉒ | Printed Circuit Boards | CARD RACK BLOCK (2) | 18-22 |
| ㉓ | SC Guide Block Indicator Tube Module, Fluoresce | CHASSIS BLOCK | 18-24 |
| ㉔ | Connector Panel | CONNECTOR PANEL BLOCK | 18-26 |

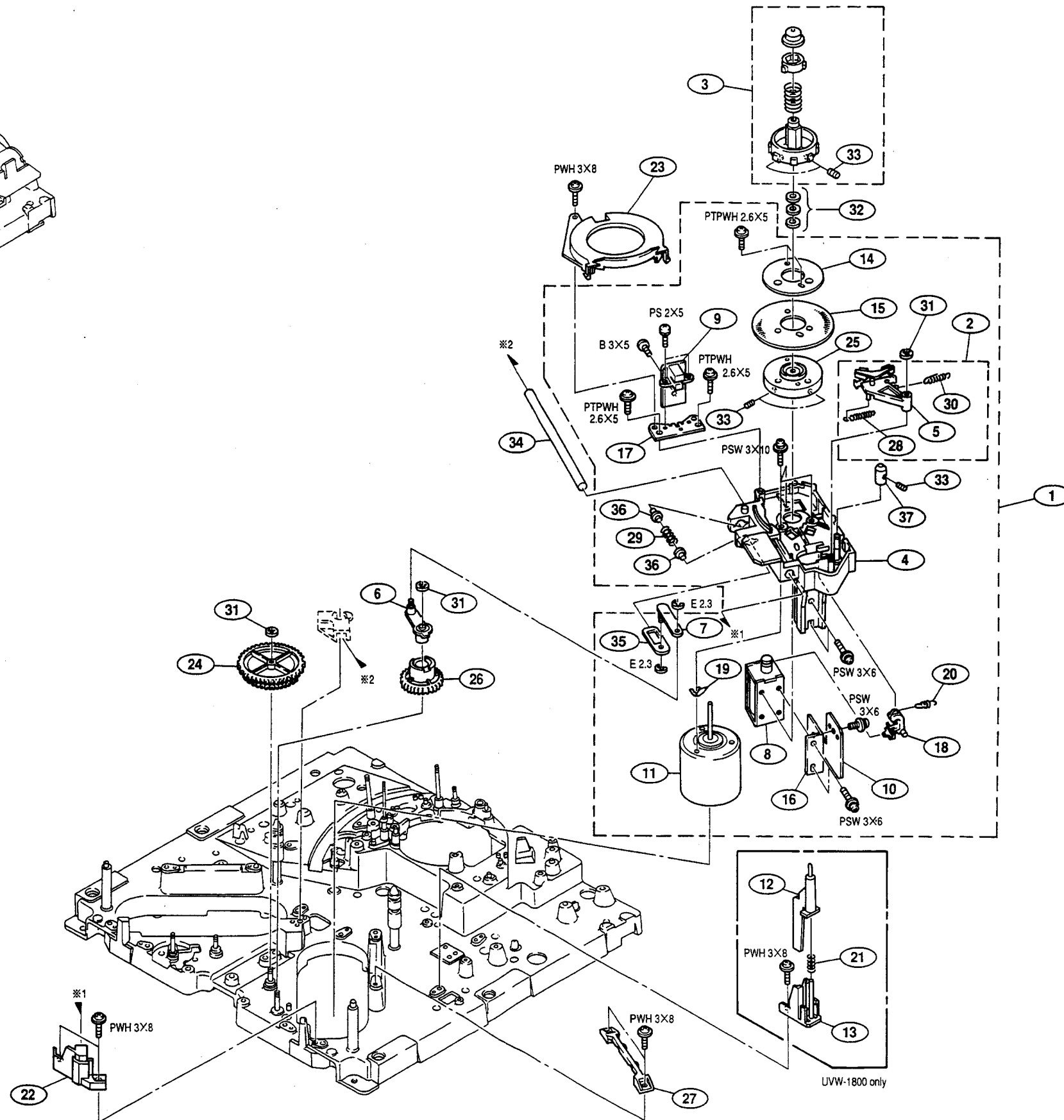
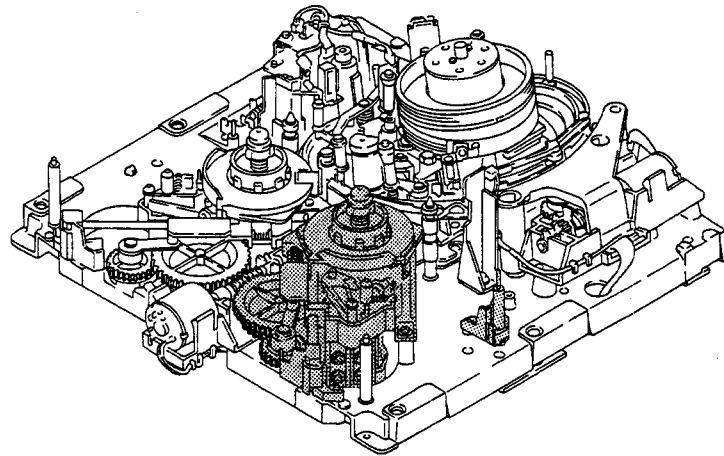
MECHANICAL DECK



OVERALL BLOCK



REEL CHASSIS (1)

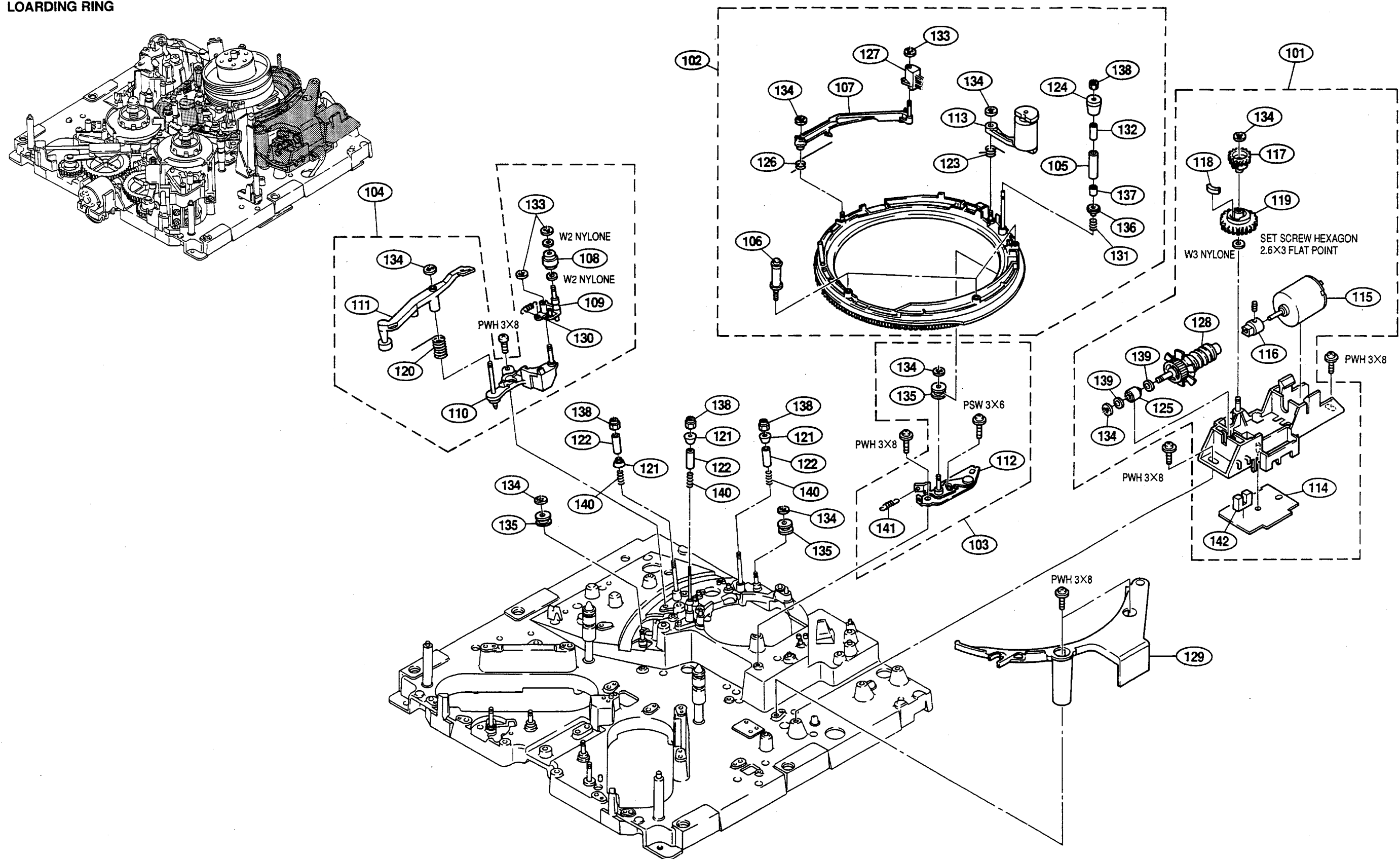


| No. | Part No. | SP Description |
|-----|--------------|----------------------------------|
| 1 | A-8267-684-A | s TABLE (T) ASSY, RS |
| 2 | A-8267-685-A | s BRAKE ASSY |
| 3 | A-8267-690-B | s TABLE ASSY, REEL |
| 4 | X-3167-230-2 | o PLATE (T) ASSY, REEL MOTOR |
| 5 | X-3167-231-1 | s LINING ASSY |
| 6 | X-3717-202-3 | o ARM ASSY, CRANK |
| 7 | X-3717-204-1 | o ARM (B) ASSY, CRANK |
| 8 | 1-454-417-41 | s SOLENOID, PLUNGER |
| 9 | 1-648-923-11 | o SE-207 BOARD |
| 10 | 1-648-925-11 | o RM-127 BOARD |
| 11 | 1-698-231-11 | s MOTOR, DC (REEL) |
| 12 | 3-180-745-01 | o LEVER, MR (UVW-1800) |
| 13 | 3-180-746-01 | o HOLDER, MR (UVW-1800) |
| 14 | 3-182-279-01 | o RETAINER, DISK |
| 15 | 3-182-280-01 | o DISK, REEL |
| 16 | 3-182-281-01 | o SHEET METAL (T), RM FITTING |
| 17 | 3-182-282-01 | o SHEET METAL, SENSOR FITTING |
| 18 | 3-182-284-01 | o ARM, BRAKE RELEASE |
| 19 | 3-182-285-01 | s SPACER |
| 19 | 3-182-285-11 | s SPACER |
| 20 | 3-182-286-01 | s SPRING, TENSION |
| 21 | 3-182-295-01 | o SPRING, COMPRESSION (UVW-1800) |
| 22 | 3-182-367-01 | o RETAINER (T), SHAFT |
| 23 | 3-182-368-01 | o COVER, REEL |
| 24 | 3-182-369-01 | s WHEEL, WORM |
| 25 | 3-182-375-01 | o DISK HUB, REEL |
| 26 | 3-182-382-01 | s GEAR (T), CRANK |
| 27 | 3-182-402-01 | o GUIDE, PLATE |
| 28 | 3-307-381-00 | s SPRING, TENSION |
| 29 | 3-491-247-00 | s SPRING, COMPRESSION |
| 30 | 3-648-217-00 | o SPRING, TENSION |
| 31 | 3-669-596-01 | s WASHER (2.3), STOPPER |
| 32 | 3-701-439-01 | s WASHER, POLY 3MM DIA 0.13T |
| 32 | 3-701-439-11 | s WASHER, POLY 3MM DIA 0.25T |
| 32 | 3-701-439-21 | s WASHER, POLY 3MM DIA 0.5T |
| 33 | 3-701-506-01 | s SET SCREW, DOUBLE POINT 3X4 |
| 34 | 3-717-223-01 | s SHAFT, SLIDE |
| 35 | 3-717-230-01 | o BRACKET, LIMITER |
| 36 | 3-717-231-01 | o HOLDER, LIMITER |
| 37 | 3-717-266-01 | o CAP (S), CG SHAFT |

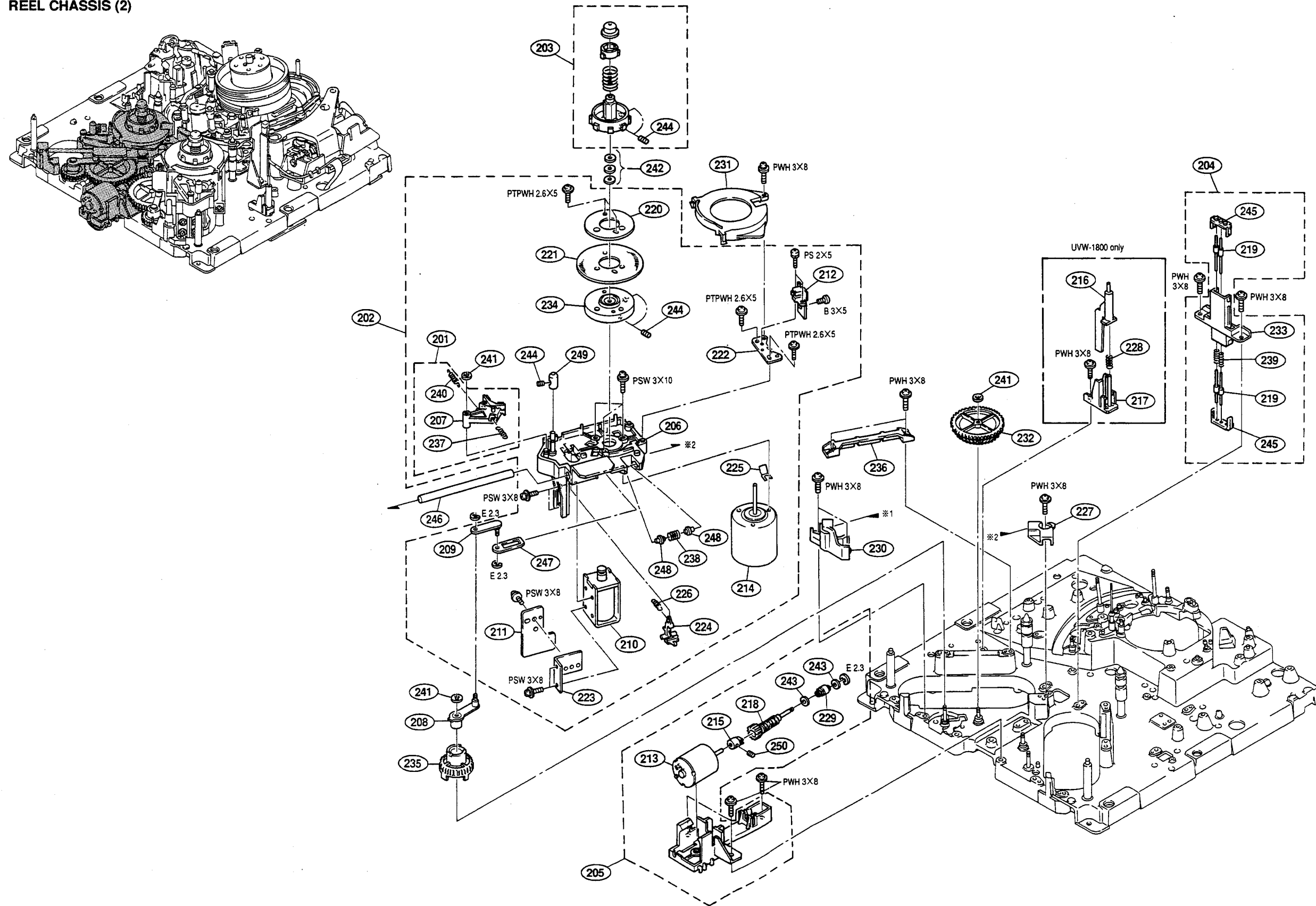
LOADING RING

| No. | Part No. | SP Description |
|-----|--------------|--------------------------------|
| 101 | A-8267-680-A | s BOX ASSY, GEAR |
| 102 | A-8267-681-A | o RING ASSY, LOADING |
| 103 | A-8267-683-A | o ROLLER ASSY, ADJUSTMENT RING |
| 104 | A-8267-699-A | o ROLLER ASSY, CLEANING |
| 105 | X-3167-224-1 | s ROLLER ASSY, PRECEDING |
| 106 | X-3167-225-1 | s ROLLER ASSY, GUIDE |
| 107 | X-3167-226-1 | s ARM ASSY, AT CLEANER |
| 108 | X-3167-232-1 | s ROLLER ASSY, C |
| 109 | X-3167-233-2 | o ARM ASSY, C MAIN |
| 110 | X-3167-234-1 | o DECK ASSY, C |
| 111 | X-3167-235-2 | o ARM ASSY, DRIVING |
| 112 | X-3167-236-1 | o ROLLER (B) ASSY, RING |
| 113 | X-3717-215-3 | s ARM ASSY, PINCH ROLLER |
| 114 | 1-648-922-11 | o PTC-67 BOARD |
| 115 | 1-698-152-11 | s MOTOR, DC (SVD-1449) |
| 116 | 3-171-423-02 | o JOINT, MOTOR |
| 117 | 3-180-036-01 | s GEAR, LIMITER |
| 118 | 3-183-653-01 | s RUBBER, LIMITER |
| 119 | 3-182-242-01 | o WHEEL, WORM |
| 120 | 3-182-276-01 | o SPRING, DRIVING |
| 121 | 3-182-293-01 | s FLANGE, GUIDE |
| 122 | 3-182-294-01 | s GUIDE, TAPE |
| 123 | 3-182-346-01 | s SPRING, PINCH ARM |
| 124 | 3-182-347-01 | s FLANGE, PRECEDING UPPER |
| 125 | 3-182-349-01 | o RETAINER, SHAFT |
| 126 | 3-182-350-02 | s SPRING, CLEANER ARM |
| 127 | 3-182-389-02 | s CLEANER, AT |
| 128 | 3-182-390-01 | o GEAR, WORM |
| 129 | 3-182-453-01 | o GUIDE, P |
| 130 | 3-533-373-00 | s SPRING, TENSION |
| 131 | 3-549-887-00 | s SPRING, COIL, COMPRISON |
| 132 | 3-657-841-71 | s SPACER (2X6.5) |
| 133 | 3-669-465-00 | s WASHER (1.5), STOPPER |
| 134 | 3-669-596-01 | s WASHER (2.3), STOPPER |
| 135 | 3-675-866-00 | s ROLLER, RING |
| 136 | 3-680-812-00 | s FLANGE, LOWER |
| 137 | 3-682-166-21 | s SPACER DIA 2 |
| 138 | 3-698-829-01 | s NUT (M2) |
| 139 | 3-701-439-21 | s WASHER POLY, 3MM DIA 0.5T |
| 140 | 3-721-333-01 | s SPRING, COMPRESSION |
| 141 | 4-602-490-00 | o SPRING, TENSION |
| 142 | 8-719-939-05 | s PHOTO INTERRUPTER GP1S54 |

LOADING RING



REEL CHASSIS (2)

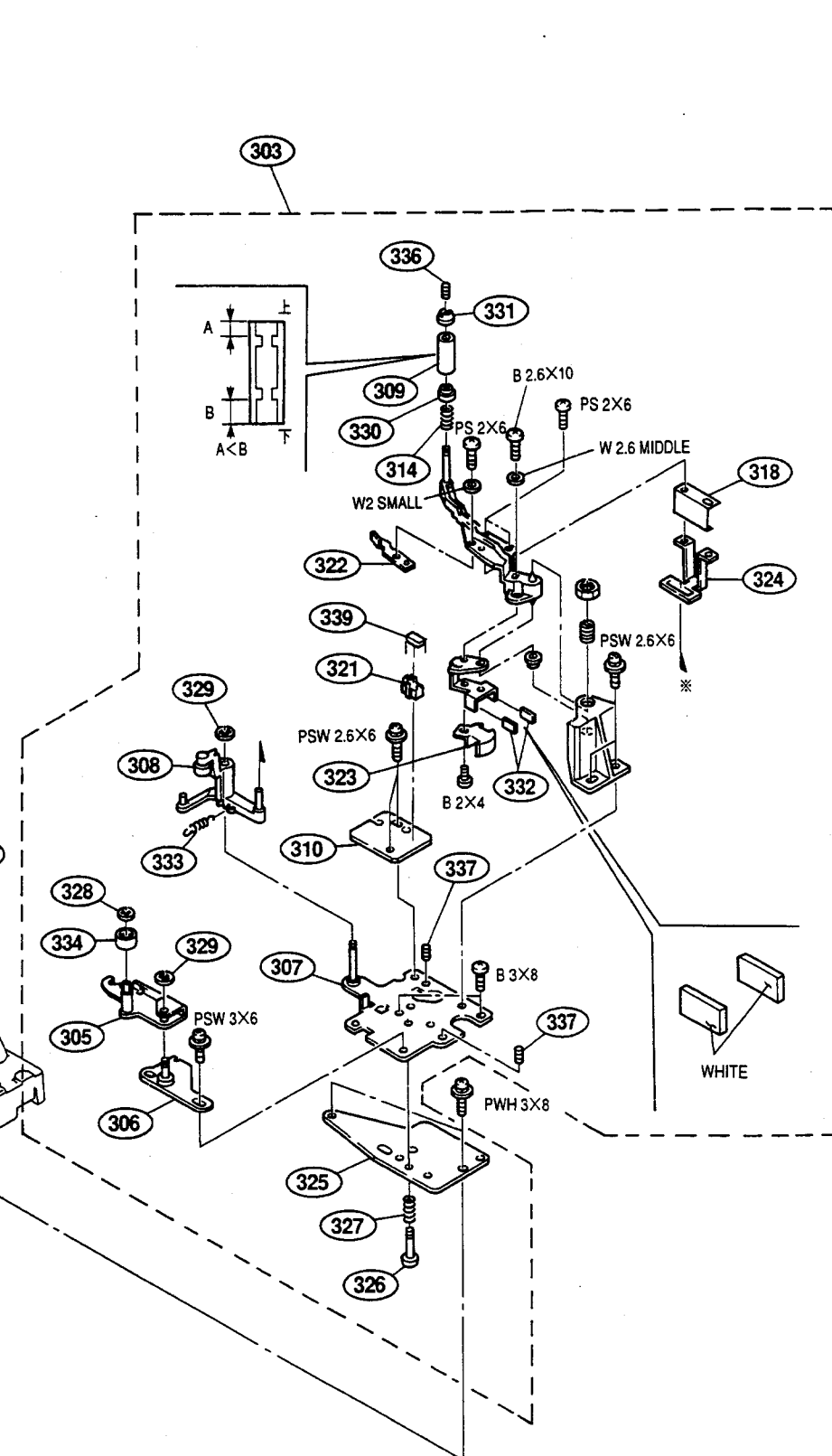
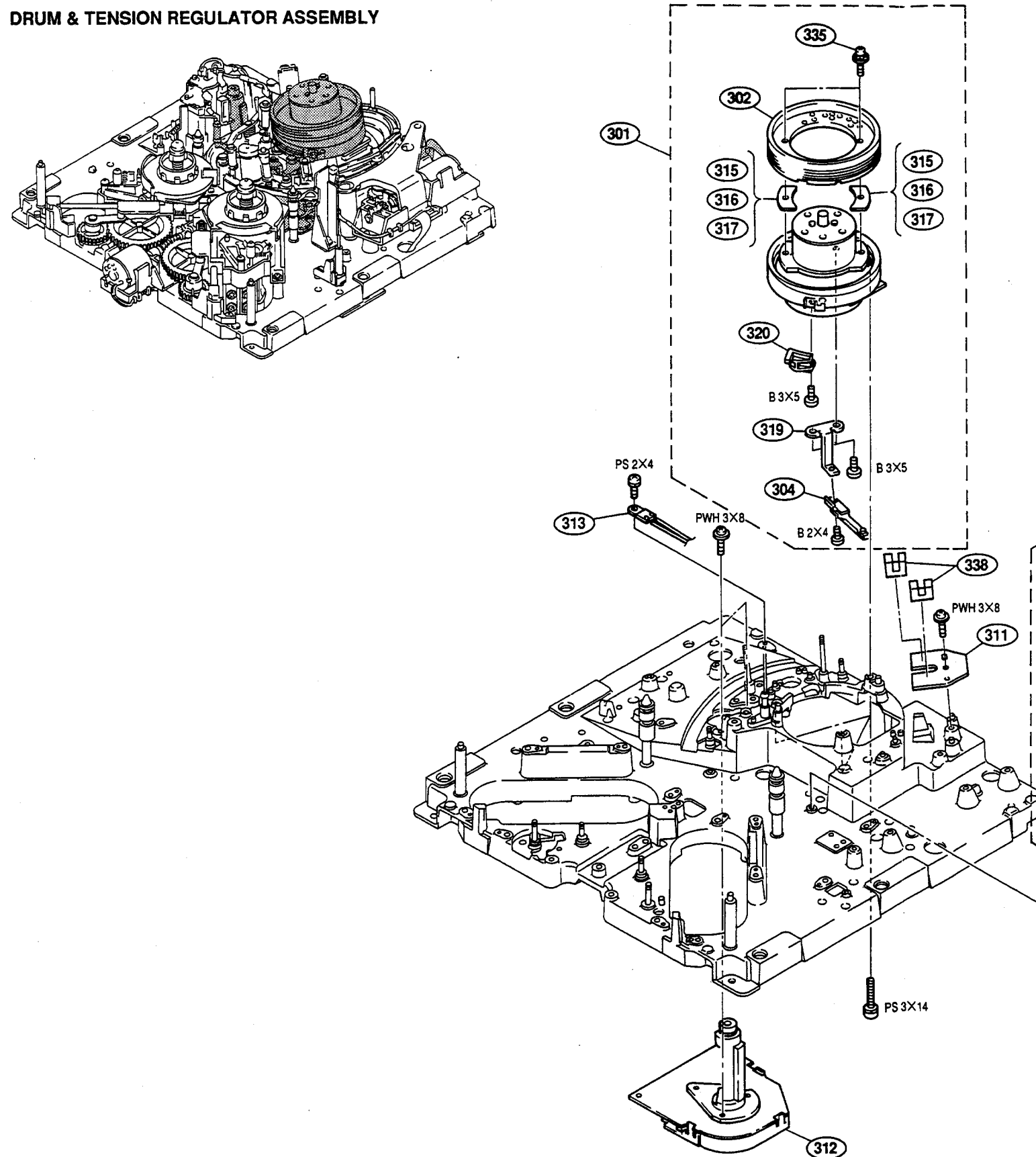


| No. | Part No. | SP | Description |
|-----|--------------|----|--------------------------------|
| 201 | A-8267-685-A | s | BRAKE ASSY |
| 202 | A-8267-688-A | s | TABLE (S) ASSY, RS |
| 203 | A-8267-690-B | s | TABLE ASSY, REEL |
| 204 | A-8267-691-A | s | MC ASSY |
| 205 | A-8267-698-A | o | MOTOR ASSY, LS |
| 206 | X-3167-229-2 | o | PLATE (S) ASSY, REEL MOTOR |
| 207 | X-3167-231-1 | s | LINING ASSY |
| 208 | X-3717-202-3 | o | ARM ASSY, CRANK |
| 209 | X-3717-204-1 | o | ARM (B) ASSY, CRANK |
| 210 | 1-454-417-41 | s | SOLENOID, PLUNGER |
| 211 | 1-648-924-11 | o | RM-126 BOARD |
| 212 | 1-648-923-11 | o | SE-207 BOARD |
| 213 | 1-698-152-11 | s | MOTOR, DC (SVD-1449) |
| 214 | 1-698-231-11 | s | MOTOR, DC (REEL) |
| 215 | 3-171-423-02 | o | JOINT, MOTOR |
| 216 | 3-180-745-01 | o | LEVER, MR (UVW-1800) |
| 217 | 3-180-746-01 | o | HOLDER, MR (UVW-1800) |
| 218 | 3-182-266-01 | o | WORM |
| 219 | 3-182-277-01 | o | PIN, MC |
| 220 | 3-182-279-01 | o | RETAINER, DISK |
| 221 | 3-182-280-01 | o | DISK, REEL |
| 222 | 3-182-282-01 | o | SHEET METAL, SENSOR FITTING |
| 223 | 3-182-283-01 | o | SHEET METAL, (S) RM FITTING |
| 224 | 3-182-284-01 | o | ARM, BRAKE RELEASE |
| 225 | 3-182-285-01 | s | SPACER |
| 225 | 3-182-285-11 | s | SPACER |
| 226 | 3-182-286-01 | s | SPRING, TENSION |
| 227 | 3-182-292-01 | o | RETAINER (ST), SHAFT |
| 228 | 3-182-295-01 | o | SPRING, COMPRESSION (UVW-1800) |
| 229 | 3-182-349-01 | o | RETAINER, SHAFT |
| 230 | 3-182-366-01 | o | RETAINER (S), SHAFT |
| 231 | 3-182-368-01 | o | COVER, REEL |
| 232 | 3-182-369-01 | s | WHEEL, WORM |
| 233 | 3-182-372-01 | o | HOLDER, MC |
| 234 | 3-182-375-01 | o | DISK HUB, REEL |
| 235 | 3-182-383-01 | s | GEAR (S), CRANK |
| 236 | 3-182-402-01 | o | GUIDE, PLATE |
| 237 | 3-307-381-00 | s | SPRING, TENSION |
| 238 | 3-491-247-00 | s | SPRING, COMPRESSION |
| 239 | 3-554-202-00 | o | SPRING, COMPRESSION |
| 240 | 3-648-217-00 | o | SPRING, TENSION |
| 241 | 3-669-596-01 | s | WASHER (2.3), STOPPER |
| 242 | 3-701-439-01 | s | WASHER POLY 3MM DIA, 0.13T |
| 242 | 3-701-439-11 | s | WASHER POLY 3MM DIA, 0.25T |
| 242 | 3-701-439-21 | s | WASHER POLY 3MM DIA, 0.5T |
| 243 | 3-701-439-21 | s | WASHER POLY 3MM DIA, 0.5T |
| 244 | 3-701-506-01 | s | SET SCREW, DOUBLE POINT 3X4 |
| 245 | 3-717-207-01 | s | COVER, M/C DETECTION HOLDER |
| 246 | 3-717-223-01 | s | SHAFT, SLIDE |
| 247 | 3-717-230-01 | o | BRACKET, LIMITER |
| 248 | 3-717-231-01 | o | HOLDER, LIMITER |
| 249 | 3-717-266-01 | o | CAP (S), CG SHAFT |
| 250 | 7-621-734-09 | s | SET SCREW, DOUBLE POINT 2.6X3 |

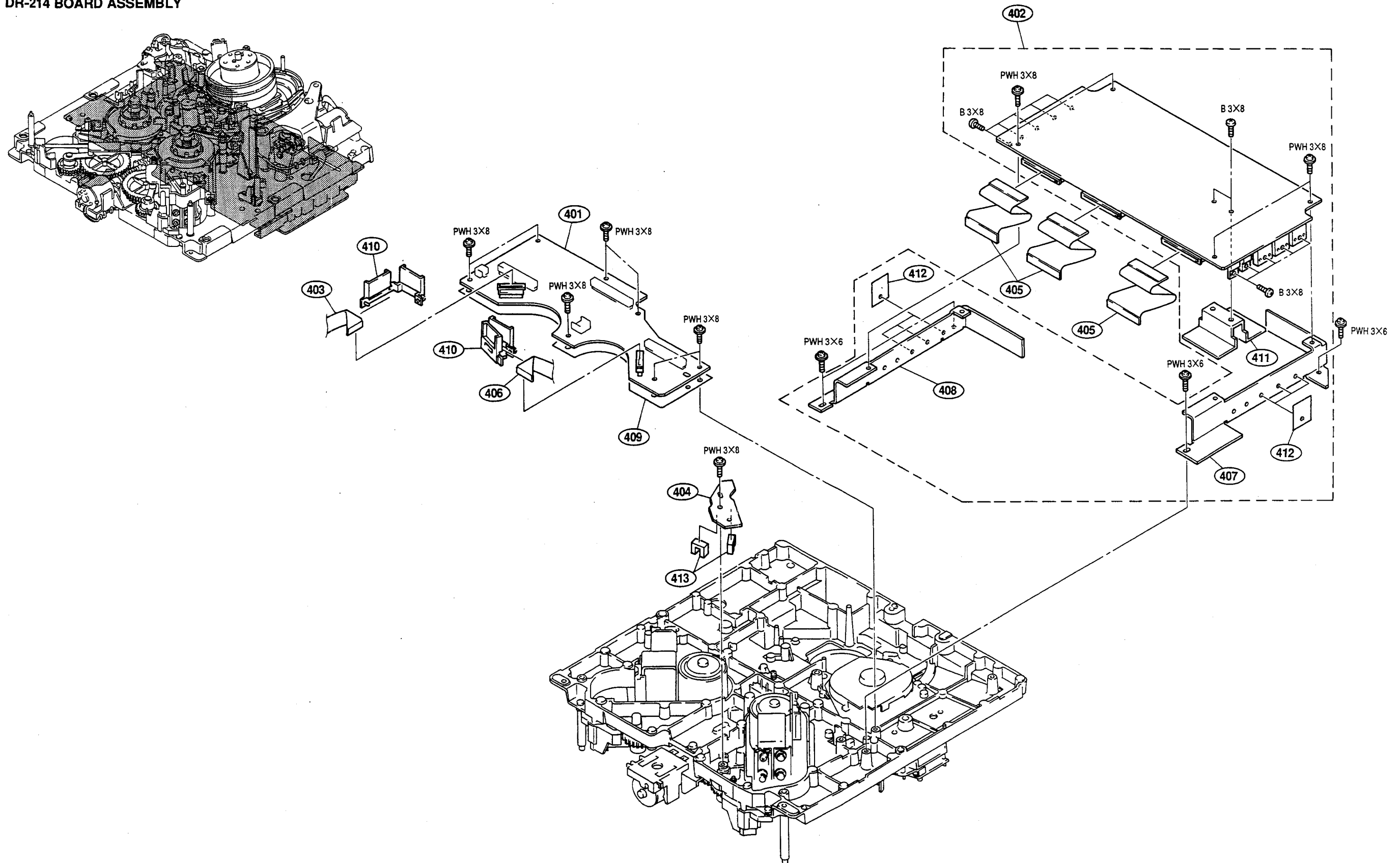
DRUM & TENSION REGULATOR ASSEMBLY

| No. | Part No. | SP | Description |
|-----|--------------|----|--------------------------------------|
| 301 | A-8260-972-A | s | HEAD DRUM ASSY, DBH-39A-R (UVW-1800) |
| 301 | A-8260-976-A | s | HEAD DRUM ASSY, DBH-41A-R (UVW-1600) |
| 302 | A-8267-973-A | s | UPPER DRUM ASSY, DBR-39-R (UVW-1800) |
| 302 | A-8267-977-A | s | UPPER DRUM ASSY, DBR-41-R (UVW-1600) |
| 303 | A-8267-693-A | s | TENSION REGULATOR ASSY |
| 304 | X-3166-376-1 | s | GROUND ASSY, SHAFT |
| 305 | X-3167-218-1 | o | HOOK ASSY, TR |
| 306 | X-3167-219-1 | o | BASE ASSY, TR HOOK |
| 307 | X-3167-220-1 | o | PLATE, ADJUSTMENT ASSY, TR |
| 308 | X-3167-241-1 | s | ARM ASSY, RETURN |
| 309 | X-3675-851-0 | s | ROLLER ASSY, TR |
| 310 | 1-648-921-11 | o | TR-84 BOARD |
| 311 | 1-648-927-11 | o | PTC-68 BOARD |
| 312 | 1-698-179-11 | s | MOTOR, DC (CAPSTAN) |
| 313 | 1-810-381-11 | s | SENSOR, DEW CONDENSATION |
| 314 | 2-618-901-00 | s | SPRING |
| 315 | 3-171-234-01 | s | SPACER, FLANGE 0.01T |
| 316 | 3-171-234-11 | s | SPACER, FLANGE 0.03T |
| 317 | 3-171-234-21 | s | SPACER, FLANGE 0.05T |
| 318 | 3-171-579-02 | o | SPRING, LEAF, TENSION REGULATOR |
| 319 | 3-182-216-01 | o | BRACKET, GROUND |
| 320 | 3-182-217-01 | o | BRACKET, TAPE |
| 321 | 3-182-257-01 | s | HOLDER, DME |
| 322 | 3-182-274-01 | o | PLATE, ADJUSTMENT, RETURN |
| 323 | 3-182-275-01 | o | COVER, MAGNET |
| 324 | 3-182-288-01 | o | PROTECTOR |
| 325 | 3-182-289-01 | o | BASE, TR |
| 326 | 3-437-173-02 | o | SCREW, HEAD ADJUSTING |
| 327 | 3-653-350-00 | s | SPRING, COMPRESSION |
| 328 | 3-669-465-00 | s | WASHER (1.5), STOPPER |
| 329 | 3-669-596-01 | s | WASHER (2.3), STOPPER |
| 330 | 3-677-749-03 | s | RETAINER, B |
| 331 | 3-677-752-00 | s | NUT, ADJUSTMENT, T |
| 332 | 3-680-828-00 | o | MAGNET |
| 333 | 3-680-860-01 | s | SPRING, TENSION(POWER TENSION) |
| 334 | 3-717-253-01 | s | ROLLER |
| 335 | 3-729-125-01 | o | SCREW (M2.6X8) |
| 336 | 7-621-731-08 | s | SET SCREW, FLAT POINT 2X2.5 |
| 337 | 7-682-176-21 | s | SET SCREW, SLOT CONE POINT 3X6 |
| 338 | 8-759-057-48 | s | PHOTO REFLECTOR NJL5803K-F10 |
| 339 | 8-745-001-07 | s | DM-230-1 |

DRUM & TENSION REGULATOR ASSEMBLY



DR-214 BOARD ASSEMBLY

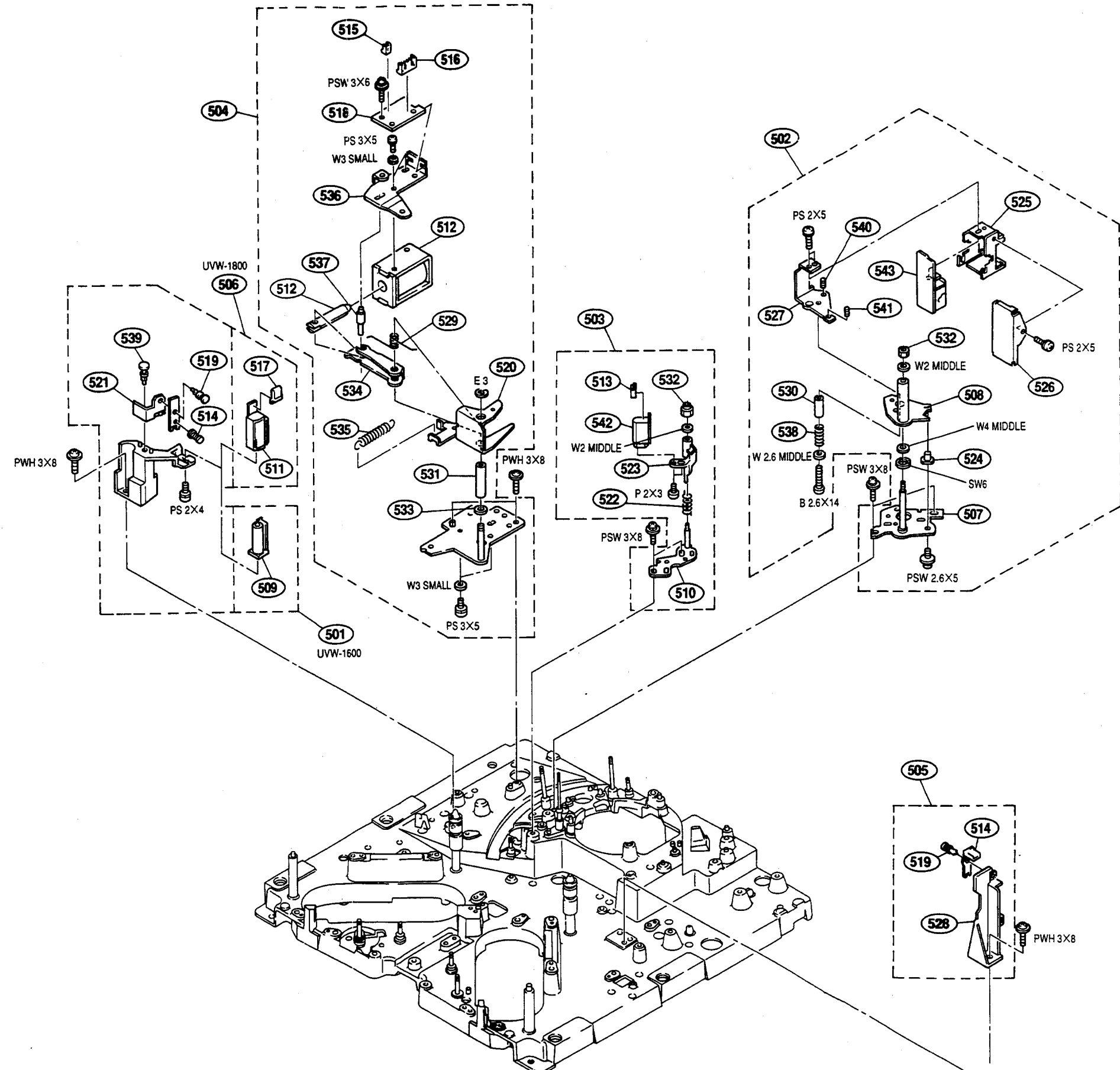
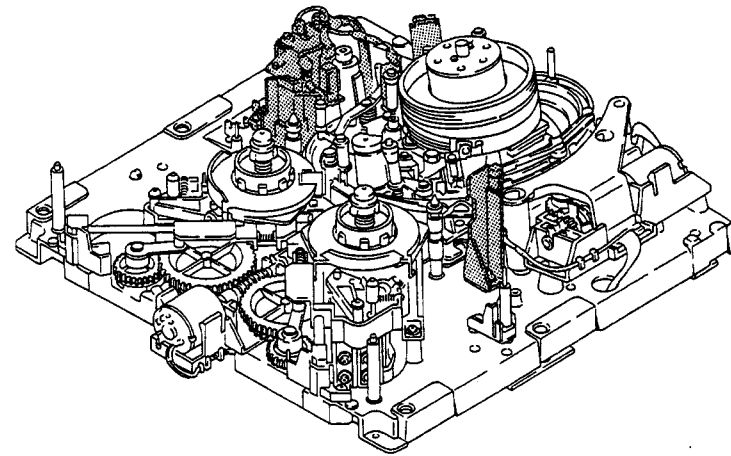


| No. | Part No. | SP | Description |
|-----|--------------|----|---------------------------------|
| 401 | A-8275-288-A | o | COMPLETE PCB, MS-39A (UVW-1600) |
| 401 | A-8275-291-A | o | COMPLETE PCB, MS-39 (UVW-1800) |
| 402 | A-8275-290-A | o | COMPLETE PCB, DR-214 |
| 403 | 1-558-261-31 | s | WIRE, FLEXIBLE CARD |
| 404 | 1-648-926-11 | o | PTC-66 BOARD |
| 405 | 1-751-633-11 | s | WIRE, FLEXIBLE CARD |
| 406 | 1-751-634-11 | s | WIRE, FLEXIBLE CARD |
| 407 | 3-182-357-01 | o | HEAT SINK (L), DR |
| 408 | 3-182-358-01 | o | HEAT SINK (R), DR |
| 409 | 3-182-400-01 | o | SHEET, MS |
| 410 | 3-182-401-01 | o | HOLDER, FLAT CABLE |
| 411 | 3-183-144-01 | o | HEAT SINK (D), DR |
| 412 | 4-911-232-01 | s | SHEET INSULATING |
| 413 | 8-719-939-05 | s | PHOTO INTERRUPTER GP1S54 |

PRESS ASSY, PINCH

| No. | Part No. | SP | Description |
|-----|--------------|----|---------------------------------------|
| 501 | A-8267-676-A | o | BLADE ASSY (UVW-1600) |
| 502 | A-8267-677-A | s | HEAD (P) ASSY, AT (UVW-1600) |
| 502 | A-8267-682-A | s | HEAD (R) ASSY, AT (UVW-1800) |
| 503 | A-8267-694-A | s | HEAD ASSY, CTL |
| 504 | A-8267-695-A | s | PRESS ASSY, PINCH |
| 505 | A-8267-696-A | o | SENSOR ASSY, T |
| 506 | A-8267-697-A | o | HEAD ASSY, FE (UVW-1800) |
| 507 | X-3167-210-2 | o | SUPPORT (P) ASSY, AT (UVW-1600) |
| 507 | X-3167-228-2 | o | SUPPORT (R) ASSY, AT (UVW-1800) |
| 508 | X-3167-211-2 | o | PLATE, ADJUSTMENT ASSY, P (UVW-1600) |
| 508 | X-3167-227-2 | o | PLATE, ADJUSTMENT ASSY, RP (UVW-1800) |
| 509 | X-3167-212-1 | 2 | CLEANING BLADE ASSY (UVW-1600) |
| 510 | X-3167-221-1 | o | BRACKET ASSY, CTL HEAD |
| 511 | X-3167-316-1 | s | HEAD (EF291-21) ASSY (UVW-1800) |
| 512 | 1-454-338-00 | s | SOLENOID, PLUNGER |
| 513 | 1-506-481-11 | o | PIN, CONNECTOR 2P |
| 514 | 1-543-316-31 | s | HEAD, SENSING (SMALL TYPE) |
| 515 | 1-564-001-11 | o | PIN, CONNECTOR 2P |
| 516 | 1-564-005-11 | o | PIN, CONNECTOR 6P |
| 517 | 1-564-013-11 | o | PIN, CONNECTOR 3P (UVW-1800) |
| 518 | 1-622-596-11 | o | PC BOARD, PD-35 |
| 519 | 2-279-715-01 | s | RIVET, NYLON |
| 520 | 3-182-244-01 | o | LEVER, P PRESS |
| 521 | 3-182-250-01 | o | HOLDER, S SENSOR |
| 522 | 3-182-255-01 | s | SPRING, CTL |
| 523 | 3-182-256-01 | o | DECK, CTL HEAD |
| 524 | 3-182-317-01 | o | SHAFT, AT FIXED |
| 525 | 3-182-376-01 | o | CASE (1), AT SHIELD |
| 526 | 3-182-377-01 | o | CASE (2), AT SHIELD |
| 527 | 3-182-388-02 | o | BRACKET, RP |
| 528 | 3-182-391-01 | o | HOLDER, T SENSOR |
| 529 | 3-537-674-03 | s | SPRING, TENSION |
| 530 | 3-642-719-01 | o | SPACER (2.6X11) |
| 531 | 3-653-382-01 | o | SPACER (4X25) |
| 532 | 3-698-829-01 | s | NUT (M2) |
| 533 | 3-701-441-21 | s | WASHER, POLY 4MM DIA 0.5T |
| 534 | 3-717-247-01 | o | LIMITER, P |
| 535 | 3-717-248-01 | o | SPRING |
| 536 | 3-717-249-01 | o | STOPPER, P |
| 537 | 3-717-250-02 | o | SHAFT, JOINT, P |
| 538 | 3-738-730-01 | s | SPRING, COMPRESSION |
| 539 | 4-812-134-21 | s | RIVET NYLON, 3.5 |
| 540 | 7-621-712-46 | s | SET SCREW, SLOT FLAT POINT 2.6X5 |
| 541 | 7-621-712-55 | s | SET SCREW, SLOT CONE POINT 2.6X6 |
| 542 | 8-825-554-83 | s | HEAD, CTL PS244-21B |
| 543 | 8-825-778-81 | s | HEAD EPS244-2103H (UVW-1800) |
| 543 | 8-825-778-91 | s | HEAD PS244-2103G (UVW-1600) |

PRESS ASSY, PINCH



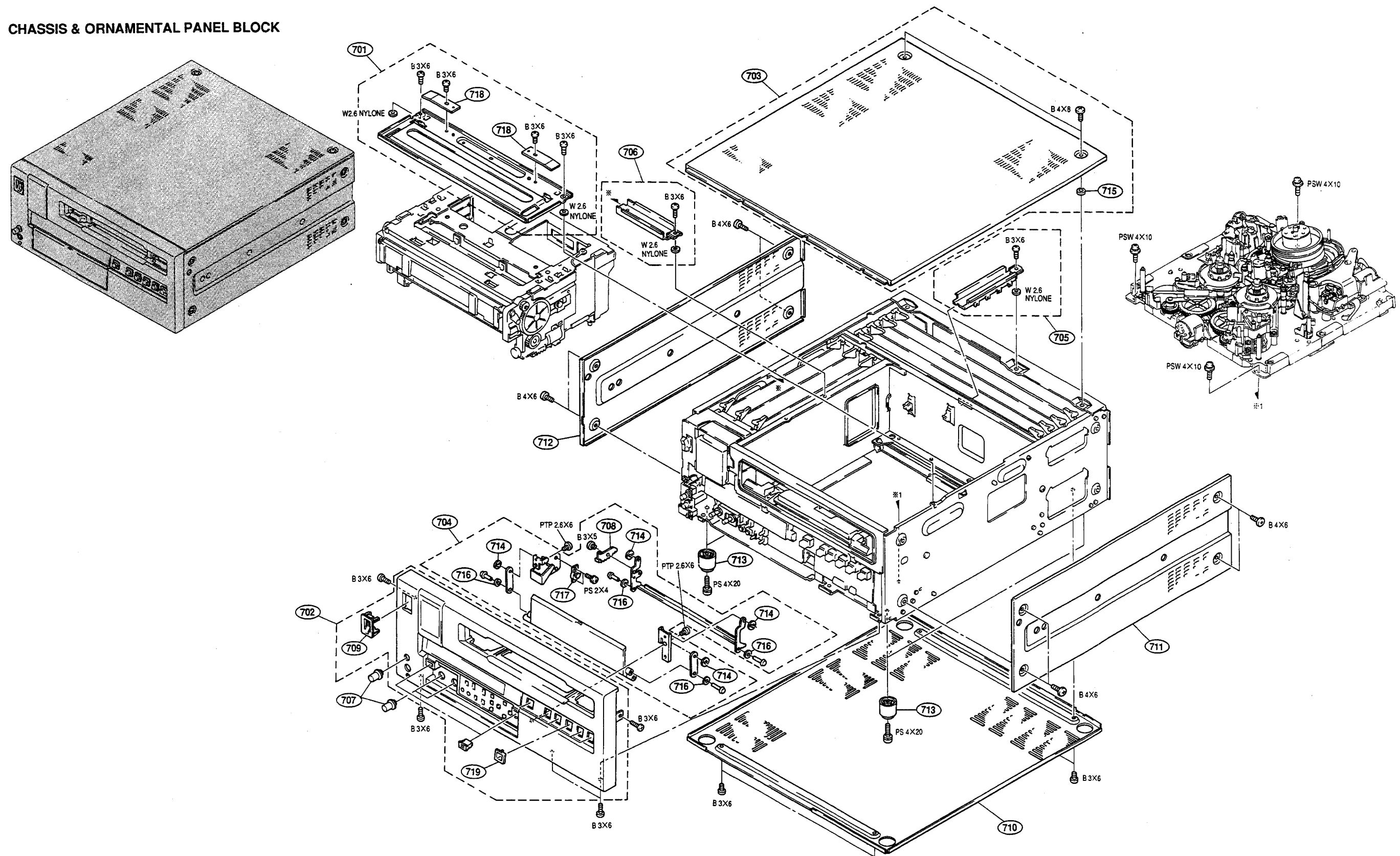
CASSETTE COMPARTMENT ASSEMBLY

| No. | Part No. | SP | Description |
|-----|--------------|----|--------------------------------|
| 601 | A-8267-863-A | s | CASSETTE COMPARTMENT ASSY |
| 602 | X-3166-062-1 | o | SHAFT ASSY, PRESS ROLLER |
| 603 | X-3166-063-2 | o | ARM ASSY, PRESS |
| 604 | X-3166-065-1 | o | DECK (L) ASSY, PULLEY |
| 605 | X-3166-066-1 | o | DECK (R) ASSY, PULLEY |
| 606 | X-3166-067-1 | o | SLIDER (R) ASSY |
| 607 | X-3166-068-1 | o | SLIDER (L) ASSY |
| 608 | 1-640-170-13 | o | CL-25 BOARD |
| 609 | 1-640-171-12 | o | PC-62 BOARD |
| 610 | 1-690-106-12 | s | WIRE, FLEXIBLE CARD (5P) |
| 611 | 1-698-152-11 | s | MOTOR, DC SVD-1499 |
| 612 | 2-621-007-01 | ls | BEARING, BALL, (B) (NO FRANGE) |
| 613 | 3-671-150-11 | o | CLAMP |
| 614 | 3-171-367-04 | o | SWITCH (R), IN |
| 615 | 3-171-398-03 | o | SWITCH (L), IN |
| 616 | 3-171-399-02 | o | GUIDE (R), CASSETTE |
| 617 | 3-171-400-03 | o | GUIDE (L), CASSETTE |
| 618 | 3-171-418-02 | s | WORM |
| 619 | 3-171-419-03 | s | WHEEL |
| 620 | 3-171-420-01 | o | SHUTTER |
| 621 | 3-171-421-01 | o | SLIDER, DOOR SWITCHING |
| 622 | 3-171-422-01 | o | LEVER, DOOR SWITCHING |
| 623 | 3-171-423-02 | o | JOINT, MOTOR |
| 624 | 3-171-424-01 | o | HOLDER, SENSER |
| 625 | 3-171-457-01 | o | SHAFT, JOINT |
| 626 | 3-171-458-01 | s | BELT, TIMING |
| 627 | 3-171-459-01 | s | ROLLER, GUIDE |
| 628 | 3-171-460-01 | s | ROLLER, SLIDER |
| 629 | 3-171-461-01 | o | SHAFT, RETAINER, L CASSETTE |
| 630 | 3-171-462-01 | o | HOLDER, SHAFT |
| 631 | 3-171-463-02 | o | PLATE |
| 632 | 3-171-464-01 | o | SPRING, LEAF |
| 633 | 3-171-465-01 | o | GEAR, DRIVING |
| 634 | 3-171-466-02 | o | GEAR, LIMITER |
| 635 | 3-171-477-02 | o | WHEEL, WORM |
| 636 | 3-181-431-01 | o | RUBBER, LIMITER |
| 637 | 3-171-479-01 | o | GEAR, MIDWAY |
| 638 | 3-171-480-01 | o | SHAFT, WORM WHEEL |
| 639 | 3-171-510-02 | s | DOOR, CASSETTE |
| 640 | 3-174-908-01 | s | STOPPER |
| 641 | 3-176-139-01 | s | SPRING, C GUIDE |
| 642 | 3-176-578-01 | s | SPRING, TENSION |
| 643 | 3-176-579-01 | s | SPRING, TENSION |
| 644 | 3-176-583-01 | o | PULLEY (A) |
| 645 | 3-176-584-01 | o | PULLEY (B) |
| 646 | 3-182-706-01 | s | SPACER |
| 647 | 3-548-757-00 | s | SPRING, TENSION |
| 648 | 3-579-759-00 | s | SPRING, COMPRESSION |
| 649 | 3-646-214-00 | s | SPRING |
| 650 | 3-672-461-00 | s | SPRING, TENSION |
| 651 | 3-677-193-00 | o | PIN, STOPPER |
| 652 | 3-698-217-01 | s | BEARING (NO FLANGE), BALL |
| 653 | 3-701-439-21 | s | WASHER |
| 654 | 3-701-443-21 | s | WASHER, 5 DIA. |
| 655 | 3-712-786-01 | s | DAMPER, OIL |
| 656 | 3-717-369-03 | o | STOPPER, DOOR |
| 657 | 4-858-799-00 | s | SPRING, TENSION |

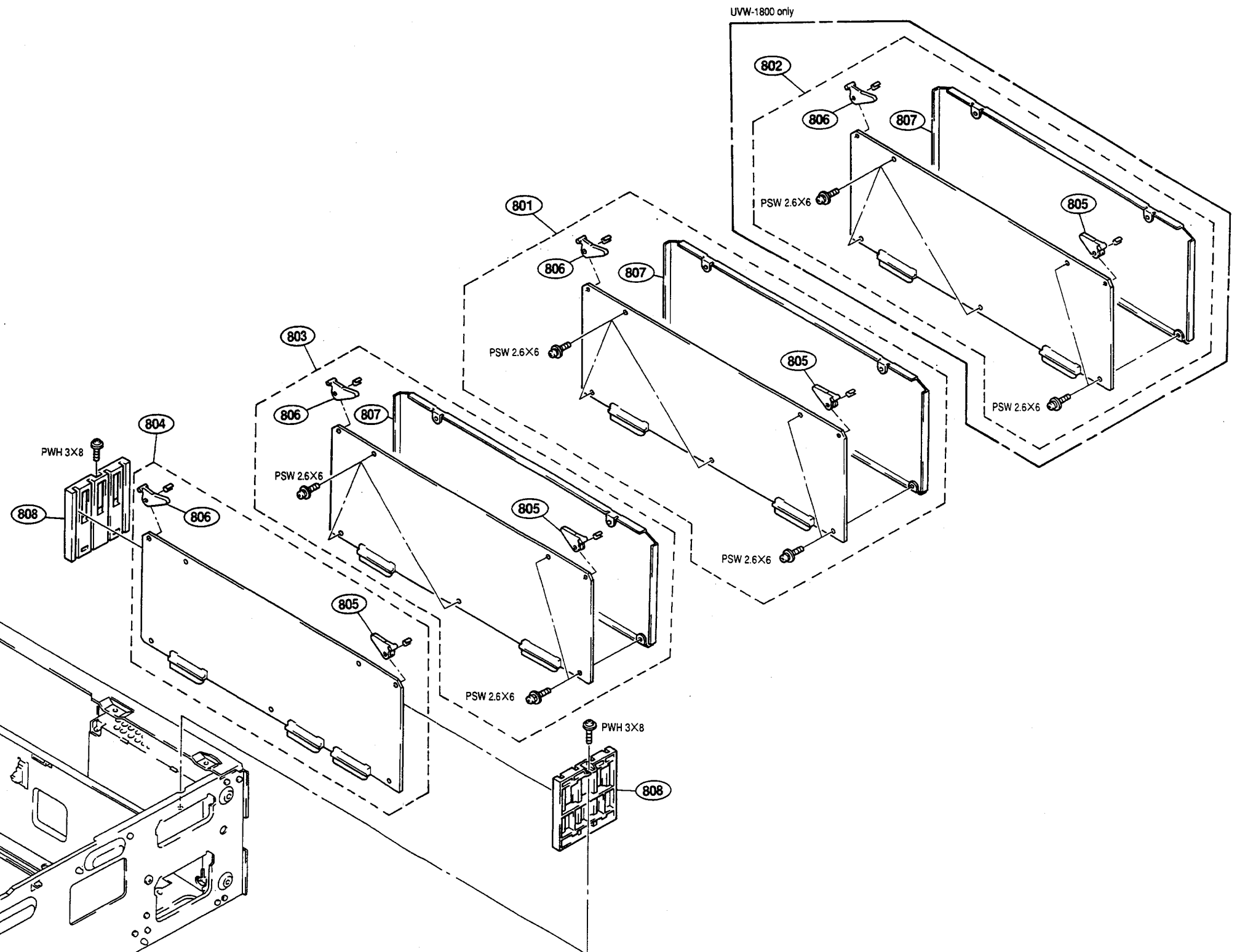
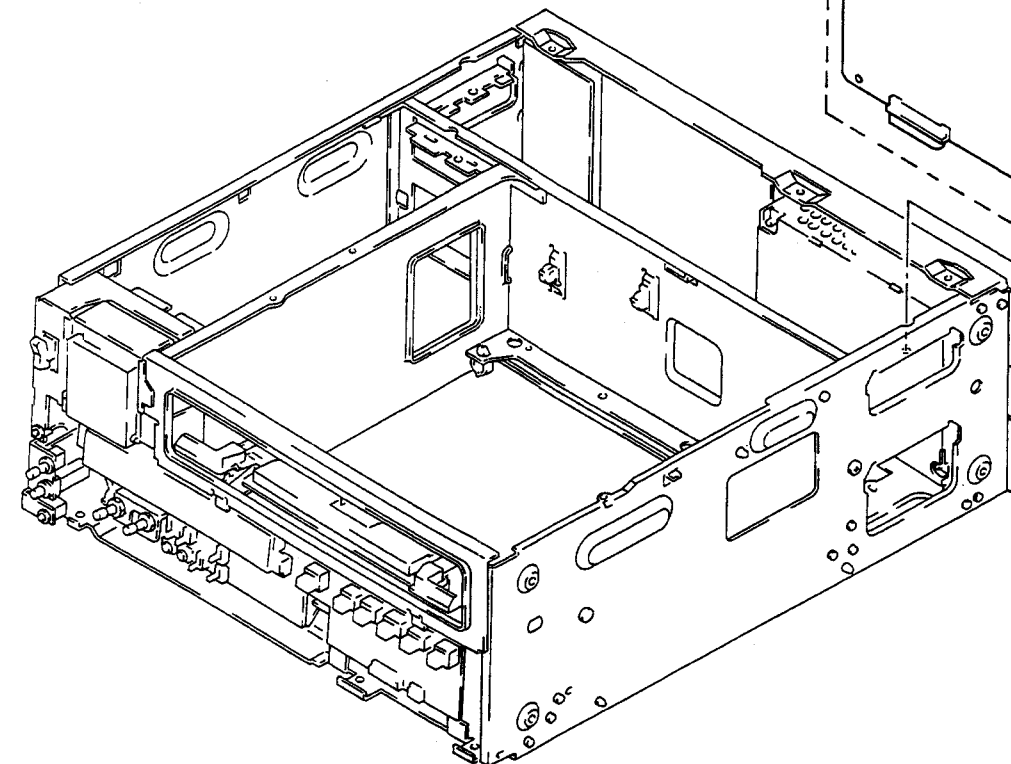
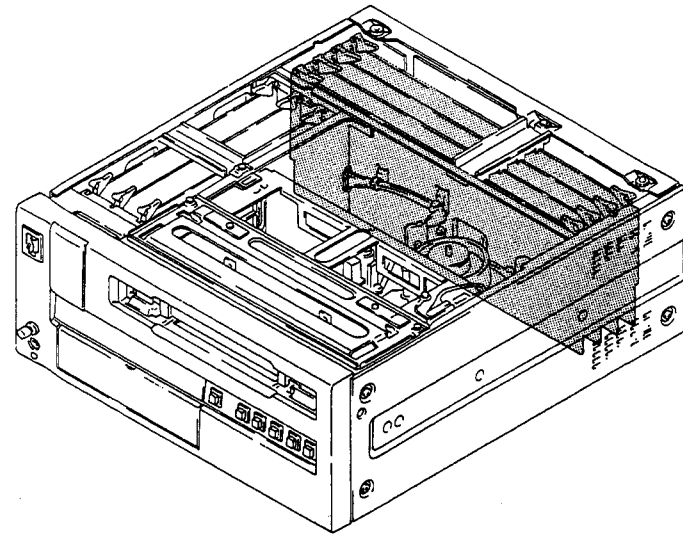
CHASSIS & ORNAMENTAL PANEL BLOCK

| No. | Part No. | SP Description |
|-----|--------------|-----------------------------------|
| 701 | A-6771-428-A | s STAY ASSY, CASSETTE COMPARTMENT |
| 702 | A-8267-664-B | o PANEL ASSY, FRONT (UVW-1600) |
| 702 | A-8267-666-B | o PANEL ASSY, FRONT (UVW-1800) |
| 703 | A-8267-665-A | o LID, UPPER ASSY |
| 704 | A-8267-667-A | o DOOR ASSY, FRONT |
| 705 | A-8267-670-A | o RETAINER (L) ASSY, PC BOARD |
| 706 | A-8267-673-A | o RETAINER (S) ASSY, PC BOARD |
| 707 | X-3166-071-1 | s KNOB ASSY (B), VOL |
| 708 | 3-182-395-01 | o GEAR, DAMPER |
| 709 | 3-182-406-01 | o GUARD, POWER SW |
| 710 | 3-182-441-01 | o PLATE, BOTTOM |
| 711 | 3-182-451-01 | o CABINET (RIGHT) |
| 712 | 3-182-452-01 | o CABINET (LEFT) |
| 713 | 3-642-656-01 | s FOOT |
| 714 | 3-669-595-00 | s WASHER (2), STOPPER |
| 715 | 3-688-102-01 | o SPACER, M4 |
| 716 | 3-701-438-21 | s WASHER |
| 717 | 3-712-786-01 | s DAMPER, OIL |
| 718 | 3-717-306-01 | o SPRING |
| 719 | 3-717-377-01 | o FRAME (SQUARE 17), ORNAMENTAL |

CHASSIS & ORNAMENTAL PANEL BLOCK



CARD RACK BLOCK (1)

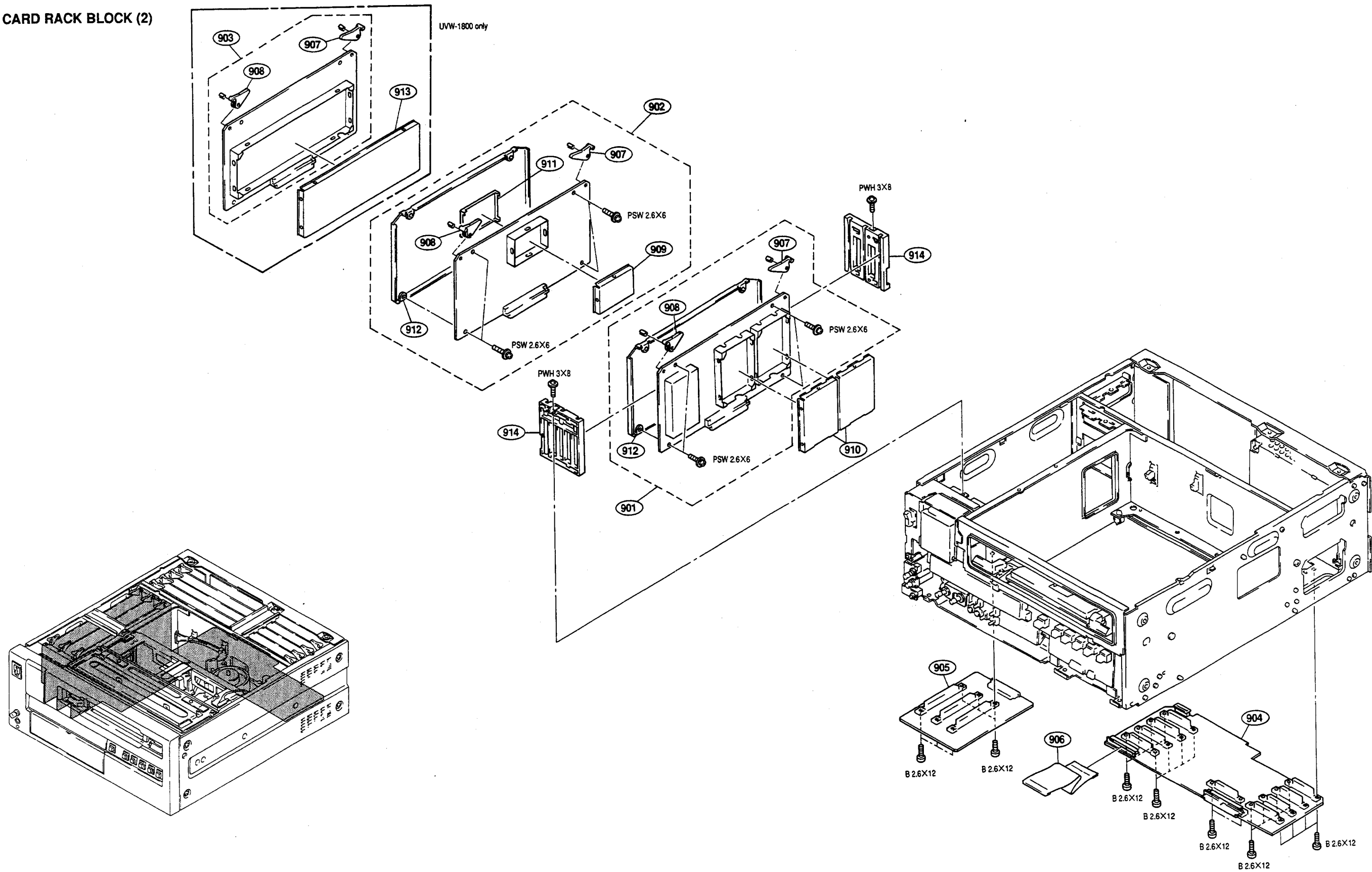


| No. | Part No. | SP Description |
|-----|--------------|-----------------------------------|
| 801 | A-8275-277-A | o COMPLETE PCB, VP-43A (UVW-1600) |
| 801 | A-8275-281-A | o COMPLETE PCB, VP-43 (UVW-1800) |
| 802 | A-8275-280-A | o COMPLETE PCB, VRA-5 (UVW-1800) |
| 803 | A-8275-282-A | o COMPLETE PCB, TBC-25 |
| 804 | A-8275-284-A | o COMPLETE PCB, SS-53 |
| 805 | 3-179-084-01 | s LEVER, PC BOARD (R) |
| 806 | 3-179-085-01 | s LEVER, PC BOARD (L) |
| 807 | 3-182-386-01 | o PLATE, SHIELD (L), CARD |
| 808 | 3-182-438-01 | o GUIDE (L), PCB |

CARD RACK BLOCK (2)

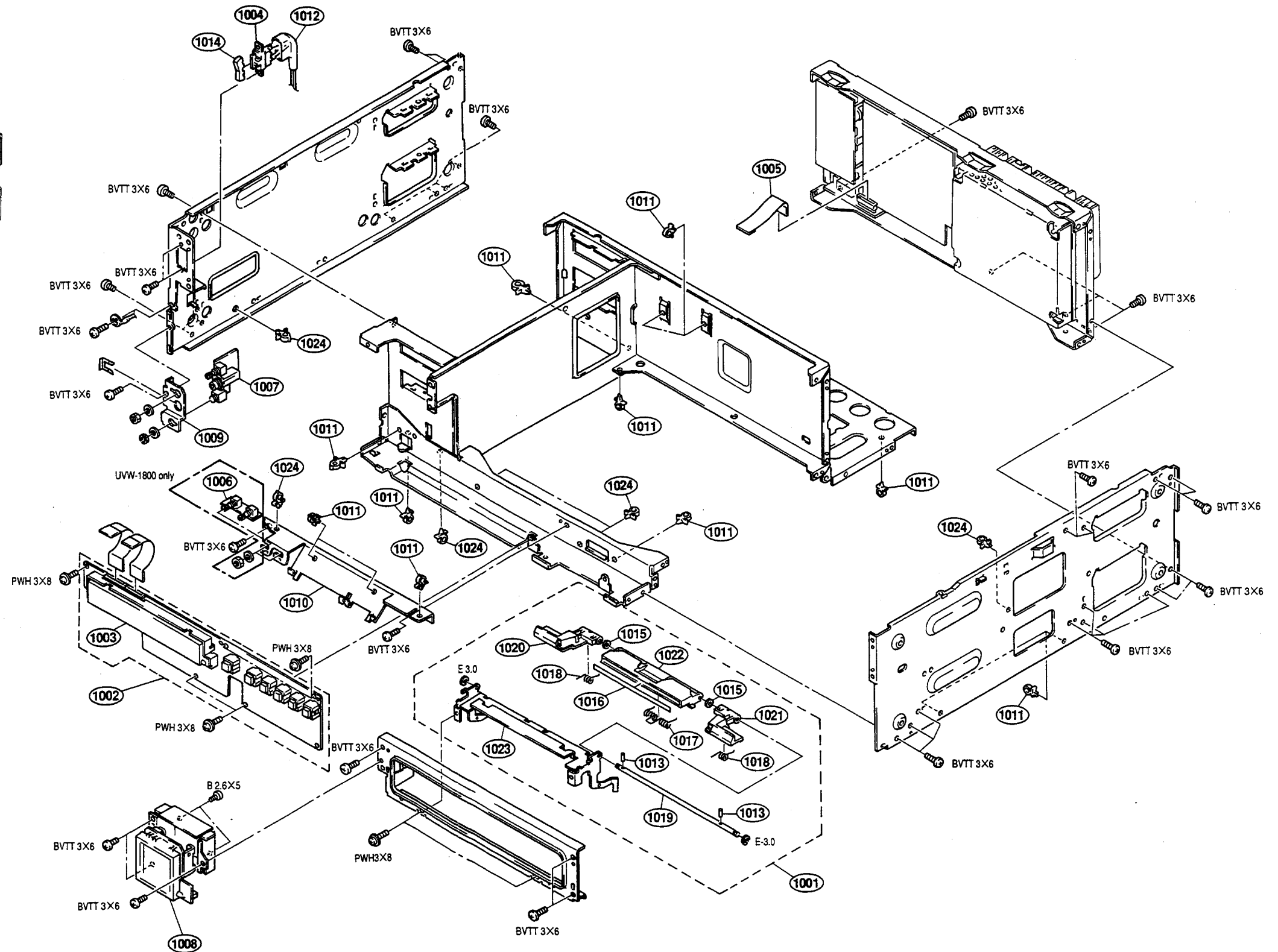
| No. | Part No. | SP | Description |
|-----|--------------|----|---------------------------------|
| 901 | A-8275-278-A | o | COMPLETE PCB, RP-70A (UVW-1600) |
| 901 | A-8275-285-A | o | COMPLETE PCB, RP-70 (UVW-1800) |
| 902 | A-8275-279-A | o | COMPLETE PCB, AP-31A (UVW-1600) |
| 902 | A-8275-286-A | o | COMPLETE PCB, AP-31 (UVW-1800) |
| 903 | A-8275-287-A | o | COMPLETE PCB, AR-14 (UVW-1800) |
| 904 | A-8276-730-A | o | MOUNTED PCB, MB-470A (UVW-1600) |
| 904 | A-8276-736-A | o | MOUNTED PCB, MB-470 (UVW-1800) |
| 905 | A-8276-731-A | o | MOUNTED PCB, MB-471A (UVW-1600) |
| 905 | A-8276-737-A | o | MOUNTED PCB, MB-471 (UVW-1800) |
| 906 | 1-571-632-11 | s | WIRE, FLEXIBLE CARD 34P |
| 907 | 3-179-084-01 | s | LEVER, PC BOARD (R) |
| 908 | 3-179-085-01 | s | LEVER, PC BOARD (L) |
| 909 | 3-182-298-01 | o | CASE, SHIELD (LID), AP2 |
| 910 | 3-182-316-01 | o | CASE, SHIELD (LID), PR70V |
| 911 | 3-182-351-01 | o | CASE, SHIELD, AP (2B) |
| 912 | 3-182-385-01 | o | PLATE, SHIELD (S), CARD |
| 913 | 3-182-407-01 | o | LID, AR CASE, SHIELD (UVW-1800) |
| 914 | 3-182-439-01 | o | GUIDE (S), PCB |

CARD RACK BLOCK (2)



CHASSIS BLOCK

This is a detailed exploded view diagram of a VCR, likely a VHS model. The diagram shows the main chassis with various components positioned around it to illustrate their assembly locations. Key parts include the tape transport mechanism (the central assembly where the tape is loaded and played), the motor (located at the bottom right), the control panel (on the front face), and the tape compartment (at the top). The diagram uses perspective to show the internal layout and the relationship between different parts of the device.



| No. | Part No. | SP | Description |
|------|----------------|----|----------------------------------|
| 1001 | A-6751-377-A | o | GUIDE ASSY, SC |
| 1002 | A-8275-283-A | o | COMPLETE PCB, KY-249A (UVW-1600) |
| 1002 | A-8275-289-A | o | COMPLETE PCB, KY-249 (UVW-1800) |
| 1003 | 1-517-246-11 | s | INDICATION TUBE, FLUORESCENT |
| 1004 | △ 1-570-117-31 | s | SWITCH, SEESAW (AC POWER) |
| 1005 | 1-575-733-11 | s | WIRE, FLAT TYPE (17 CORE) |
| 1006 | 1-648-916-11 | o | VR-155 BOARD (UVW-1800) |
| 1007 | 1-648-917-11 | o | HP-61 BOARD (UVW-1800) |
| 1007 | 1-648-917-21 | o | HP-61A BOARD (UVW-1600) |
| 1008 | △ 1-810-374-11 | s | INDICATOR TUBE MODULE, FLUORES |
| 1009 | 3-182-297-01 | o | BRACKET, HP FIXED |
| 1010 | 3-182-449-01 | o | BRACKET, VR |
| 1011 | 3-312-955-00 | o | CLIP, CABLE |
| 1012 | 3-659-969-11 | o | COVER, SWITCH |
| 1013 | 3-677-193-00 | o | PIN, STOPPER |
| 1014 | 3-688-814-01 | s | CAP, SWITCH |
| 1015 | 3-701-441-21 | s | WASHER |
| 1016 | 3-717-614-01 | o | LABEL, C-LOCK OUT |
| 1017 | 3-717-615-01 | o | SPRING |
| 1018 | 3-717-616-01 | o | SPRING |
| 1019 | 3-717-617-01 | o | SHAFT, SC GUIDE |
| 1020 | 3-717-618-01 | o | GUIDE (LEFT), SC |
| 1021 | 3-717-619-01 | o | GUIDE (RIGHT), SC |
| 1022 | 3-717-620-01 | o | PLATE, OUT, C-LOCK |
| 1023 | 3-717-621-03 | o | PLATE, INDICATION, SC GUIDE |
| 1024 | 4-312-237-00 | o | CLIP, CABLE |

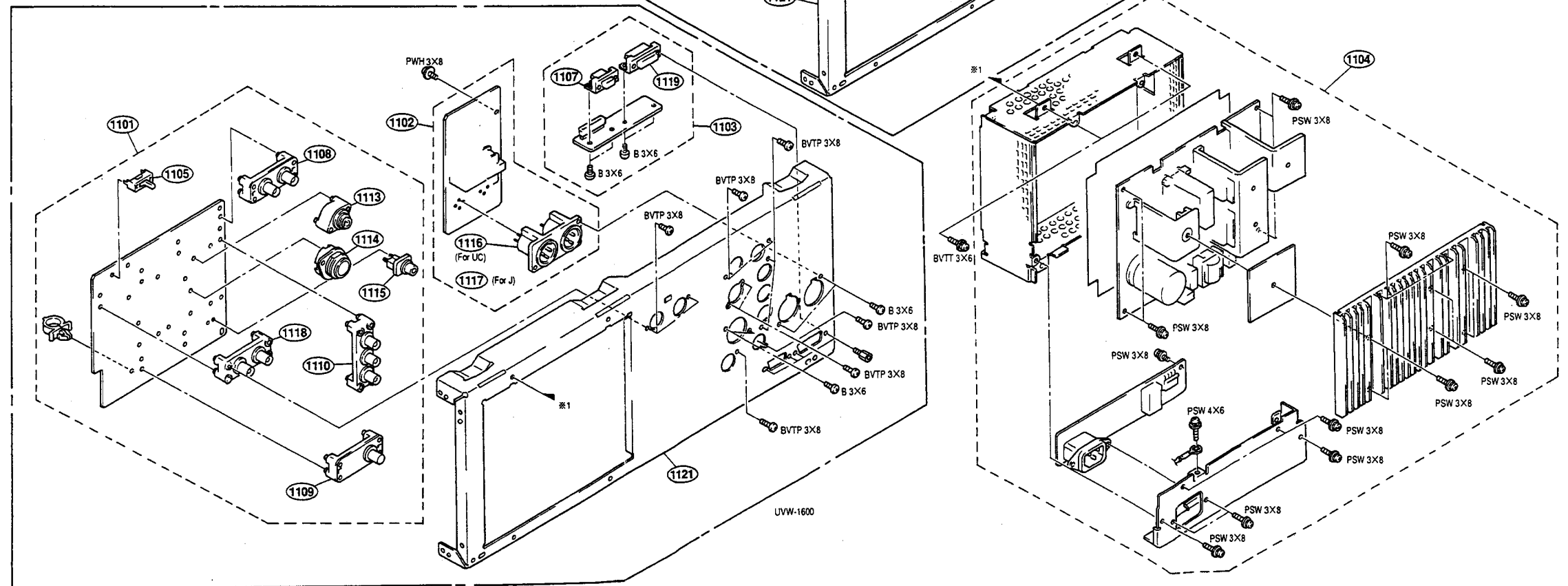
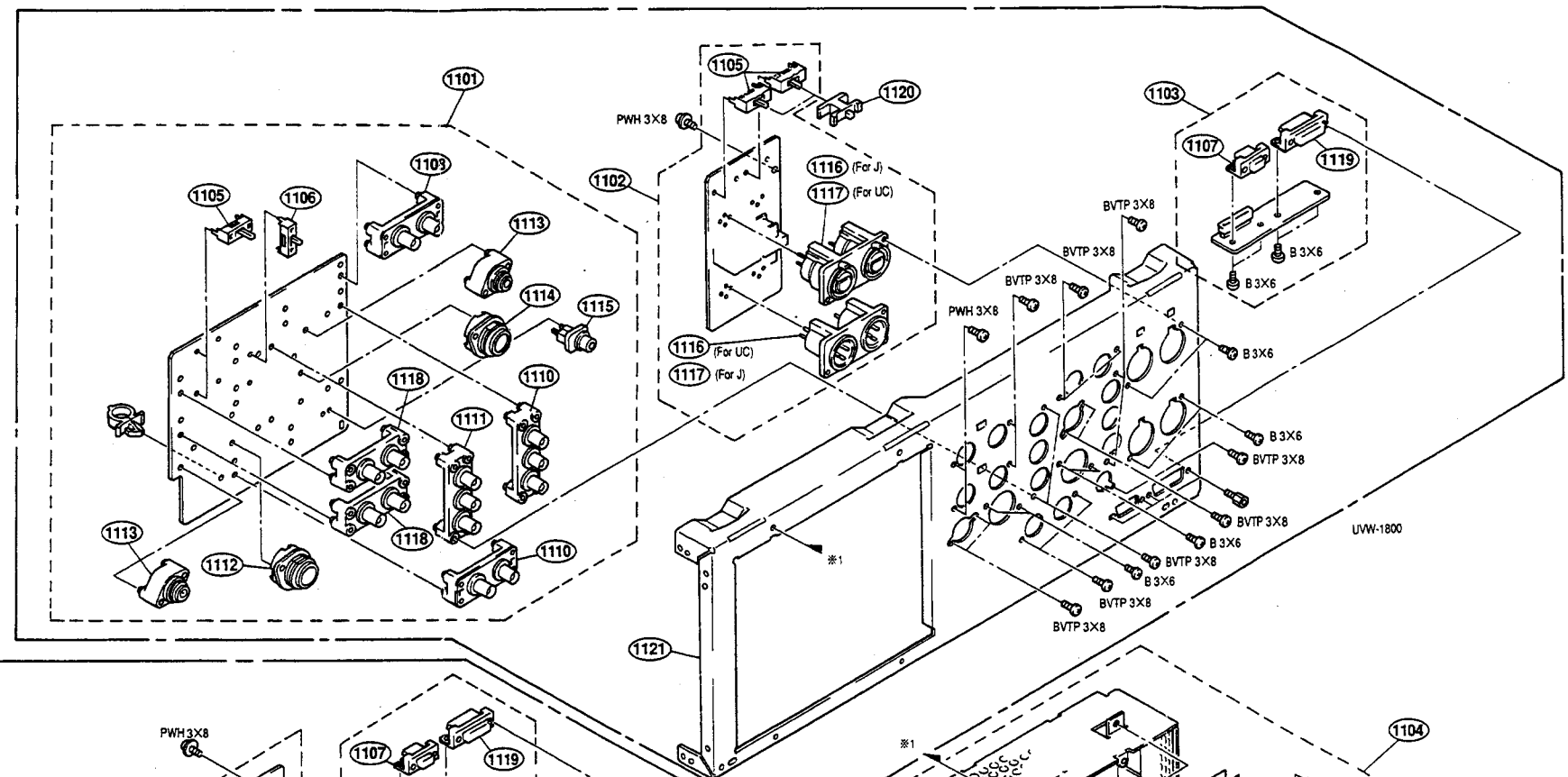
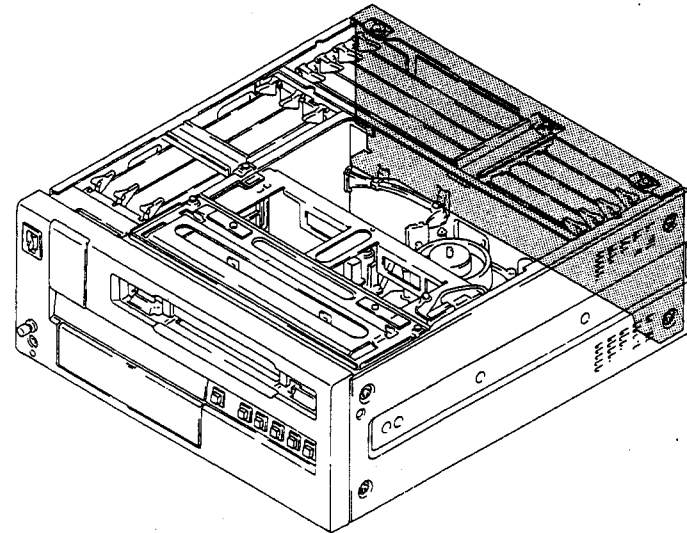
CONNECTOR PANEL BLOCK

| No. | Part No. | SP Description |
|------|----------------|------------------------------------------|
| 1101 | A-8276-732-A | o MOUNTED PCB, CP-225A (UVW-1600) |
| 1101 | A-8276-738-A | o MOUNTED PCB, CP-225 (UVW-1800) |
| 1102 | A-8276-733-A | o MOUNTED PCB, CP-226A (UVW-1600) |
| 1102 | A-8276-739-A | o MOUNTED PCB, CP-226 (UVW-1800) |
| 1102 | A-8276-762-A | o MOUNTED PCB, CP-226J (UVW-1800) |
| 1102 | A-8276-763-A | o MOUNTED PCB, CP-226AJ (UVW-1600) |
| 1103 | A-8276-734-A | o MOUNTED PCB, CP-237A (UVW-1600) |
| 1103 | A-8276-741-A | o MOUNTED PCB, CP-237 (UVW-1800) |
| 1104 | △ 1-413-889-11 | s SWITCHING REGULATOR(SOPS-1045) |
| 1105 | 1-570-157-51 | s SWITCH, SLIDE |
| 1106 | 1-570-756-11 | s SWITCH, SLIDE (UVW-1800) |
| 1107 | 1-573-566-11 | s CONNECTOR, D-SUB (ANGLE TYPE) 9P |
| 1108 | 1-573-582-11 | s CONNECTOR, BNC (RECEPTACLE) |
| 1109 | 1-573-583-11 | s CONNECTOR, BNC (RECEPTACLE) |
| 1110 | 1-573-584-11 | s CONNECTOR, BNC (RECEPTACLE) |
| 1111 | 1-573-585-11 | s CONNECTOR, BNC (RECEPTACLE) (UVW-1800) |
| 1112 | 1-573-589-11 | s CONNECTOR (R-M) 12P (UVW-1800) |
| 1113 | 1-573-590-12 | s CONNECTOR, (S) TERMINAL 4P |
| 1114 | 1-573-592-11 | s CONNECTOR (R-F) 12P |
| 1115 | 1-691-273-11 | s JACK, PIN 1P |
| 1116 | 1-750-785-11 | s CONNECTOR (XLR TYPE) 3P |
| 1117 | 1-750-786-11 | s CONNECTOR (XLR TYPE) 3P |
| 1118 | 1-764-165-11 | s CONNECTOR, BNC (RECEPTACLE) |
| 1119 | 1-764-259-11 | s CONNECTOR, D-SUB (ANGLE TYPE) 15P |
| 1120 | 3-171-450-01 | o ADAPTOR, SW |
| 1121 | 3-182-459-02 | o CONNECTOR, PANEL (UVW-1800) |
| 1121 | 3-182-459-12 | o CONNECTOR, PANEL (UVW-1600) |

CONNECTOR PANEL BLOCK

CONNECTOR PANEL BLOCK

CONNECTOR PANEL BLOCK



18-3. ELECTRICAL PARTS LISTS

AP-31 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

AP-31 board is used for UVW-1800.

| | | |
|---------|--------------|---------------------------------|
| 1pc | A-8275-286-A | o MOUNTED CIRCUIT BOARD, AP-31 |
| 1pc | 3-182-385-01 | o PLATE, SHIELD (S), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| 1pc | 3-182-298-01 | o CASE, SHIELD (LID), AP (2) |
| 1pc | 3-182-351-01 | o CASE, SHIELD, AP (2B) |
| C2 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C3 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C4 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C5 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C6 | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V |
| C7 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C8 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C9 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C10 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C11 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C12 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C15 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C16 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C18 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C20 | 1-130-498-00 | s MYLAR 0.18uF 5% 50V |
| C21-C26 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C27 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C28 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C29 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C30 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C31 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C32 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C33 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C34 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C35 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C36 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C37 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C38 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C39 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C40 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C41 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C42 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C43 | 1-107-499-91 | s FILM, CHIP 0.0039uF 2% 16V |
| C44 | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V |
| C45 | 1-130-497-00 | s MYLAR 0.15uF 5% 50V |
| C46 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C47 | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V |
| C48 | 1-130-499-00 | s MYLAR 0.22uF 5% 50V |
| C49 | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V |
| C50 | 1-104-560-91 | s FILM, CHIP 0.056uF 5% 16V |
| C51 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C52 | 1-107-553-91 | s FILM, CHIP 0.0056uF 2% 16V |
| C53 | 1-104-551-11 | s FILM, CHIP 0.01uF 16V |
| C54 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V |
| C55 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V |
| C56 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C57 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C58 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C59 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C60 | 1-126-964-11 | s ELECT 10uF 20% 50V |

(AP-31 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

| | | |
|----------|--------------|---------------------------------|
| C61 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C62 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C63 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C64 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C65 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C66 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C67 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C68 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C69 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C70 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C71 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C72 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C73 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C74 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C75 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C76 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C77 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C78 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C79 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C80 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C81 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C82 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C83 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C84 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C85 | 1-131-352-00 | s TANTALUM 6.8uF 10% 35V |
| C87 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C88 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C202 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C203 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C204 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C205 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C206 | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V |
| C207 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C208 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C209 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C210 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C211 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C212 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C215 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C216 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C218 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C220 | 1-130-498-00 | s MYLAR 0.18uF 5% 50V |
| C221-226 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C227 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C228 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C229 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C230 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C231 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C232 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C233 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C234 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C235 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C236 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C237 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C238 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C239 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C240 | 1-107-499-91 | s FILM, CHIP 0.0039uF 2% 16V |
| C241 | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V |
| C242 | 1-130-497-00 | s MYLAR 0.15uF 5% 50V |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C243 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C244 | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V |
| C245 | 1-130-499-00 | s MYLAR 0.22uF 5% 50V |
| C246 | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V |
| C247 | 1-104-560-91 | s FILM, CHIP 0.056uF 5% 16V |
| C248 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C249 | 1-107-553-91 | s FILM, CHIP 0.0056uF 2% 16V |
| C250 | 1-104-551-11 | s FILM, CHIP 0.01uF 16V |
| C251 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V |
| C252 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V |
| C253 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C254 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C255 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C256 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C257 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C258 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C259 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C260 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C261 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C262 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C263 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C264 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C265 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C266 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C267 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C268 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C269 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C270 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C271 | 1-131-352-00 | s TANTALUM 6.8uF 10% 35V |
| C272 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C278 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C279 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C280 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C281 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C282 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C283 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C401 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C402 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C403 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C404 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C405 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C406 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C408 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C409 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C410 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C411 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C412 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C413 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C414 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C415 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C416 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C417 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C418 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C419 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C420 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C421 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C422 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C423 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C424 | 1-126-933-11 | s ELECT 100uF 20% 16V |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C425 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C426 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C427 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C428 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C429 | 1-161-021-11 | s CERAMIC 0.047uF 10% 25V |
| C430 | 1-161-021-11 | s CERAMIC 0.047uF 10% 25V |
| C500 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C501 | 1-102-114-00 | s CERAMIC 470pF 10% 50V |
| CN1 | 1-506-468-11 | s CONNECTOR 3P, MALE |
| CN2 | 1-564-002-41 | s CONNECTOR 3P, MALE |
| CN3 | 1-506-468-11 | s CONNECTOR 3P, MALE |
| CN111 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| D1 | 8-719-941-23 | s DIODE DA204U |
| D2 | 8-719-941-23 | s DIODE DA204U |
| D3 | 8-719-941-23 | s DIODE DA204U |
| D5 | 8-719-941-23 | s DIODE DA204U |
| D6 | 8-719-123-85 | s DIODE 1SS304 |
| D7 | 8-719-941-23 | s DIODE DA204U |
| D8 | 8-719-123-85 | s DIODE 1SS304 |
| D10 | 8-719-123-85 | s DIODE 1SS304 |
| D11 | 8-719-123-85 | s DIODE 1SS304 |
| D12 | 8-719-123-85 | s DIODE 1SS304 |
| D13 | 8-719-123-85 | s DIODE 1SS304 |
| D15 | 8-719-123-85 | s DIODE 1SS304 |
| D16 | 8-719-123-85 | s DIODE 1SS304 |
| D17 | 8-719-941-23 | s DIODE DA204U |
| D18 | 8-719-911-19 | s DIODE 1SS119 |
| D201 | 8-719-941-23 | s DIODE DA204U |
| D202 | 8-719-941-23 | s DIODE DA204U |
| D203 | 8-719-941-23 | s DIODE DA204U |
| D204 | 8-719-941-23 | s DIODE DA204U |
| D205 | 8-719-123-85 | s DIODE 1SS304 |
| D206 | 8-719-941-23 | s DIODE DA204U |
| D207 | 8-719-123-85 | s DIODE 1SS304 |
| D209 | 8-719-123-85 | s DIODE 1SS304 |
| D210 | 8-719-941-23 | s DIODE DA204U |
| D211 | 8-719-911-19 | s DIODE 1SS119 |
| D401 | 8-719-941-23 | s DIODE DA204U |
| D403 | 8-719-941-23 | s DIODE DA204U |
| IC1 | 8-759-701-25 | s IC NJM2068D-D |
| IC2 | 8-759-701-25 | s IC NJM2068D-D |
| IC3 | 8-759-701-25 | s IC NJM2068D-D |
| IC4 | 8-759-701-25 | s IC NJM2068D-D |
| IC5 | 8-759-705-58 | s IC NJM4558D-D |
| IC6 | 8-759-705-58 | s IC NJM4558D-D |
| IC7 | 8-759-705-58 | s IC NJM4558D-D |
| IC8 | 8-752-018-80 | s IC CX20188 |
| IC9 | 8-759-705-58 | s IC NJM4558D-D |
| IC10 | 8-759-705-58 | s IC NJM4558D-D |
| IC11 | 8-759-145-57 | s IC UPC4557C |
| IC12 | 8-759-917-18 | s IC SN74HCU04AN |
| IC13 | 8-759-917-18 | s IC SN74HCU04AN |
| IC14 | 8-759-145-57 | s IC UPC4557C |
| IC15 | 8-759-705-58 | s IC NJM4558D-D |
| IC201 | 8-759-701-25 | s IC NJM2068D-D |
| IC202 | 8-759-701-25 | s IC NJM2068D-D |
| IC203 | 8-759-701-25 | s IC NJM2068D-D |
| IC204 | 8-759-701-25 | s IC NJM2068D-D |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|-----------------|--------------------------|
| IC205 | 8-759-705-58 s | IC NJM4558D-D |
| IC206 | 8-759-705-58 s | IC NJM4558D-D |
| IC207 | 8-759-705-58 s | IC NJM4558D-D |
| IC208 | 8-759-705-58 s | IC NJM4558D-D |
| IC209 | 8-759-705-58 s | IC NJM4558D-D |
| IC210 | 8-759-145-57 s | IC UPC4557C |
| IC211 | 8-759-705-58 s | IC NJM4558D-D |
| IC401 | 8-759-701-25 s | IC NJM2068D-D |
| IC402 | 8-759-981-64 s | IC LM2903DQ |
| IC405 | 8-759-172-41 s | IC L78M09T-TL |
| IC406 | 8-759-173-37 s | IC L79M09T-TL |
| IC407 | 8-759-635-83 s | IC M51957BFP |
| IC408 | 8-759-172-41 s | IC L78M09T-TL |
| IC409 | 8-759-173-37 s | IC L79M09T-TL |
| IC410 | 8-759-701-25 s | IC NJM2068D-D |
| L1 | 1-410-068-11 s | INDUCTOR 5.60mH |
| L2 | 1-408-423-00 s | INDUCTOR 150uH |
| L201 | 1-410-068-11 s | INDUCTOR 5.60mH |
| L202 | 1-408-423-00 s | INDUCTOR 150uH |
| L401 | 1-410-470-11 s | INDUCTOR 10uH |
| L402 | 1-410-470-11 s | INDUCTOR 10uH |
| PS1 | ▲1-532-727-11 s | LINK, IC 0.25A |
| PS2 | ▲1-532-727-11 s | LINK, IC 0.25A |
| Q1 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q2 | 8-729-803-89 s | TRANSISTOR 2SC3332-T |
| Q3 | 8-729-803-89 s | TRANSISTOR 2SC3332-T |
| Q4 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q5 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q6 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q7 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q8 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q9 | 8-729-109-44 s | TRANSISTOR 2SK94 |
| Q10 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q11 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q12 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q13 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q14 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q15 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q16 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q17 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q18 | 8-729-423-93 s | TRANSISTOR 2SD2136-R(TA) |
| Q19 | 8-729-022-00 s | TRANSISTOR 2SB1416-R(TA) |
| Q20 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q21 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q22 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q23 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q25 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q26 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q27 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q28 | 8-729-804-09 s | TRANSISTOR 2SA1319-T |
| Q29 | 8-729-804-09 s | TRANSISTOR 2SA1319-T |
| Q30 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q34 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q35 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q36 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q201 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q202 | 8-729-803-89 s | TRANSISTOR 2SC3332-T |
| Q203 | 8-729-803-89 s | TRANSISTOR 2SC3332-T |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| Q204 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q205 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q206 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q207 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q208 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q209 | 8-729-109-44 s | TRANSISTOR 2SK94 |
| Q210 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q211 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q212 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q213 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q214 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q215 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q216 | 8-729-423-93 s | TRANSISTOR 2SD2136-R(TA) |
| Q217 | 8-729-022-00 s | TRANSISTOR 2SB1416-R(TA) |
| Q218 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q219 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q220 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q221 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q223 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q224 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q225 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q226 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q401 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q402 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q403 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| R1 | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W |
| R2 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R3 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R4 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R5 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R6 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R7 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R8 | 1-216-105-00 s | METAL, CHIP 220k 5% 1/10W |
| R9 | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W |
| R10 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R11 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R12 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R13 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R14 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R16 | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W |
| R17 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R19-R23 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R24 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R25 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R26 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R27 | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W |
| R28 | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W |
| R30 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R31 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R32 | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W |
| R33 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R34 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R35 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R36 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R37 | 1-215-473-00 s | METAL 150k 1% 1/6W |
| R38 | 1-215-471-00 s | METAL 120k 1% 1/6W |
| R39 | 1-215-479-00 s | METAL 270k 1% 1/6W |
| R40 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R41 | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R42 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W |
| R43 | 1-215-469-00 | s METAL 100k 1% 1/6W |
| R44 | 1-215-473-00 | s METAL 150k 1% 1/6W |
| R45 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R46 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R47 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R48 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R49 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |
| R50 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R51 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R52 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R53 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R54 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R56 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R57 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R58 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R59 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W |
| R60 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R61 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R62 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R63 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W |
| R64 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R65 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W |
| R66 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R67 | 1-216-654-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R68 | 1-215-493-00 | s METAL 1M 1% 1/6W |
| R69 | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R70 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R71 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R72 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R73 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R74 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R75 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R76 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R77 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R78 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R79 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R80 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R81 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R82 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R83 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R84 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R85 | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W |
| R86 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R87 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R88 | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R89 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R90 | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R91 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R92 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R93 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R94 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R95 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R96 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R97 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R98 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R99 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R100 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R101 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------------|
| R102 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R103 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R104 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R105 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R106 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R107 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R108 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R109 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R110 | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W |
| R111 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R112 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R113 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R114 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R115 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R116 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R117 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R118 | 1-247-807-31 | s CARBON 100 5% 1/4W |
| R119 | △ 1-216-399-00 | s WIREWOUND 6.8 10% 3W |
| R120 | △ 1-216-399-00 | s WIREWOUND 6.8 10% 3W |
| R121 | 1-247-807-31 | s CARBON 100 5% 1/4W |
| R122 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R123 | 1-249-389-11 | s CARBON 4.7 5% 1/4W |
| R124 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R125 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R126 | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W |
| R127 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R128 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R129 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R130 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R131 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R132 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R133 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R134 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W |
| R135 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R136 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R137 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R138 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R139 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R140 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R141 | 1-216-684-11 | s METAL, CHIP 24k 0.5% 1/10W |
| R142 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R143 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R144 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R145-154 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R155 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R156 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R157 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R158 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R159 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R160 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R161 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |
| R162 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R163 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R164 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R165 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |
| R167 | 1-216-295-91 | s RES, CHIP 0 |
| R168 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R169 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R170 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R171 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R172 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R173 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R174 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |
| R175 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R176 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R177 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R178 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R179 | 1-216-664-11 | s METAL, CHIP 3.6k 0.5% 1/10W |
| R180 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R181 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R182 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R183 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R184 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R186 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R187 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R188 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R201 | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R202 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R203 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R204 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R205 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R206 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R207 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R208 | 1-216-105-00 | s METAL, CHIP 220k 5% 1/10W |
| R209 | 1-216-626-11 | s METAL, CHIP 91 0.50% 1/10W |
| R210 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R211 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R212 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R213 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R214 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R216 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R217 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R219-223 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R224 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R225 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R226 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R227 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R228 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R230 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R231 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R232 | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W |
| R233 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R234 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R235 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R236 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R237 | 1-215-473-00 | s METAL 150k 1% 1/6W |
| R238 | 1-215-471-00 | s METAL 120k 1% 1/6W |
| R239 | 1-215-479-00 | s METAL 270k 1% 1/6W |
| R240 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R241 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R242 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R243 | 1-215-479-00 | s METAL 270k 1% 1/6W |
| R244 | 1-215-460-00 | s METAL 43k 1% 1/6W |
| R245 | 1-215-460-00 | s METAL 43k 1% 1/6W |
| R246 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R247 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R248 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R249 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R250 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R251 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R252 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R253 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R254 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R255 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R256 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R257 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R258 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W |
| R259 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R260 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R261 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R262 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W |
| R263 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R264 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W |
| R265 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R266 | 1-216-654-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R267 | 1-215-493-00 | s METAL 1M 1% 1/6W |
| R268 | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R269 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R270 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R271 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R272 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R273 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R274 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R275 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R276 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R277 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R278 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R279 | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W |
| R280 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R281 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R282 | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R283 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R284 | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R285 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R286 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R287 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R288 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R289 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R290 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R291 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R292 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R293 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R294 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R295 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R296 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R297 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R298 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R299 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R300 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R301 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R302 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R303 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R304 | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W |
| R305 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R306 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R307 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R308 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-------------------------------|
| R309 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R310 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R311 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R312 | 1-247-807-31 | s CARBON 100 5% 1/4W |
| R313 | △1-216-399-00 | s WIREWOUND 6.8 10% 3W |
| R314 | △1-216-399-00 | s WIREWOUND 6.8 10% 3W |
| R315 | 1-247-807-31 | s CARBON 100 5% 1/4W |
| R316 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R317 | 1-249-389-11 | s CARBON 4.7 5% 1/4W |
| R318 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R319 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R320 | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W |
| R321 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R322 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R323 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R324 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R325 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R326 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R327 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R328 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W |
| R329 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R330 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R331 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R332 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R333 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R334 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R335 | 1-216-684-11 | s METAL, CHIP 24k 0.5% 1/10W |
| R336 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R337 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R338 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R339 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R341 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R342 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R344 | 1-216-295-91 | s RES, CHIP 0 |
| R345 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R346 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R347 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R387 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R400 | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R402 | 1-216-295-91 | s RES, CHIP 0 |
| R403 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R404 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R405 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R406 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R407 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R408 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R409 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R410 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R411 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R412 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R413 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R414 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R415 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R416 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R417 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R418 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R419 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R420 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R421 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |

(AP-31 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| R422 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R423 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R424 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R425 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R426 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R427 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R428 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R500 | 1-215-403-00 | s METAL 180 1% 1/6W |
| R501 | 1-215-403-00 | s METAL 180 1% 1/6W |
| RV1 | 1-241-789-21 | s RES, ADJ METAL 220k |
| RV2 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV3 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV4 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV5 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV201 | 1-241-789-21 | s RES, ADJ METAL 220k |
| RV202 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV203 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV204 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV205 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| S1 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S2 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S201 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S202 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| TH1 | 1-800-199-11 | s THERMISTOR S-1250 |
| TH2 | 1-800-199-11 | s THERMISTOR S-1250 |

AP-31A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

AP-31A board is used for UVW-1600.

| | | |
|---------|--------------|---------------------------------|
| 1pc | A-8275-279-A | o MOUNTED CIRCUIT BOARD, AP-31A |
| 1pc | 3-182-385-01 | o PLATE, SHIELD (S), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| 1pc | 3-182-298-01 | o CASE, SHIELD (LID), AP (2) |
| 1pc | 3-182-351-01 | o CASE, SHIELD, AP (2B) |
| C2 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C3 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C4 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C6 | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V |
| C7 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C8 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C9 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C10 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C15 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C16 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C18 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C20 | 1-130-498-00 | s MYLAR 0.18uF 5% 50V |
| C21-C26 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C27 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C29 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C30 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C31 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C32 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C33 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C34 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C35 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C36 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C37 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C38 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C39 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C40 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C41 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C42 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C43 | 1-107-499-91 | s FILM, CHIP 0.0039uF 2% 16V |
| C44 | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V |
| C45 | 1-130-497-00 | s MYLAR 0.15uF 5% 50V |
| C46 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C47 | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V |
| C48 | 1-130-499-00 | s MYLAR 0.22uF 5% 50V |
| C49 | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V |
| C50 | 1-104-560-91 | s FILM, CHIP 0.056uF 5% 16V |
| C51 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C52 | 1-107-553-91 | s FILM, CHIP 0.0056uF 2% 16V |
| C53 | 1-104-551-11 | s FILM, CHIP 0.01uF 16V |
| C56 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C57 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C58 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C59 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C60 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C61 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C62 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C63 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C64 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C65 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C66 | 1-126-926-11 | s ELECT 1000uF 20% 10V |

(AP-31A BOARD(UVW-1600))

Ref. No.
or Q'ty Part No. SP Description

| | | |
|----------|--------------|---------------------------------|
| C67 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C68 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C69 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C70 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C71 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C72 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C77 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C78 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C79 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C80 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C81 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C82 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C83 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C84 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C87 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C88 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C202 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C203 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C204 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C206 | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V |
| C207 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C208 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C209 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C210 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C215 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C216 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C218 | 1-124-916-11 | s ELECT 22uF 20% 63V |
| C220 | 1-130-498-00 | s MYLAR 0.18uF 5% 50V |
| C221-226 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C227 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C229 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C230 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C231 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C232 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C233 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C234 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C235 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C236 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C237 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C238 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C239 | 1-107-498-91 | s FILM, CHIP 0.0022uF 2% 50V |
| C240 | 1-107-499-91 | s FILM, CHIP 0.0039uF 2% 16V |
| C241 | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V |
| C242 | 1-130-497-00 | s MYLAR 0.15uF 5% 50V |
| C243 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C244 | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V |
| C245 | 1-130-499-00 | s MYLAR 0.22uF 5% 50V |
| C246 | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V |
| C247 | 1-104-560-91 | s FILM, CHIP 0.056uF 5% 16V |
| C248 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C249 | 1-107-553-91 | s FILM, CHIP 0.0056uF 2% 16V |
| C250 | 1-104-551-11 | s FILM, CHIP 0.01uF 16V |
| C253 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C254 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C255 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C256 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C257 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C258 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C259 | 1-126-926-11 | s ELECT 1000uF 20% 10V |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C260 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C261 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C262 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C263 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C264 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C265 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C266 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C267 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C268 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C269 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C270 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C272 | 1-131-352-00 | s TANTALUM 6.8uF 10% 35V |
| C278 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C279 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C280 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C281 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V |
| C282 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C283 | 1-126-926-11 | s ELECT 1000uF 20% 10V |
| C402 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C403 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C408 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C409 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C410 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C411 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C412 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C413 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C414 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C415 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C416 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C417 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C418 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C419 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C420 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C421 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C422 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C423 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C424 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C425 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C426 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C427 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C428 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C500 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C501 | 1-102-114-00 | s CERAMIC 470pF 10% 50V |
| CN1 | 1-506-468-11 | s CONNECTOR 3P, MALE |
| CN2 | 1-564-002-41 | s CONNECTOR 3P, MALE |
| CN3 | 1-506-468-11 | s CONNECTOR 3P, MALE |
| CN111 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| D1 | 8-719-941-23 | s DIODE DA204U |
| D7 | 8-719-941-23 | s DIODE DA204U |
| D8 | 8-719-123-85 | s DIODE 1SS304 |
| D10 | 8-719-123-85 | s DIODE 1SS304 |
| D11 | 8-719-123-85 | s DIODE 1SS304 |
| D201 | 8-719-941-23 | s DIODE DA204U |
| D206 | 8-719-941-23 | s DIODE DA204U |
| D207 | 8-719-123-85 | s DIODE 1SS304 |
| D209 | 8-719-123-85 | s DIODE 1SS304 |
| D401 | 8-719-941-23 | s DIODE DA204U |
| D403 | 8-719-941-23 | s DIODE DA204U |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|----------------------------|
| IC1 | 8-759-701-25 | s IC NJM2068D-D |
| IC2 | 8-759-701-25 | s IC NJM2068D-D |
| IC3 | 8-759-701-25 | s IC NJM2068D-D |
| IC4 | 8-759-701-25 | s IC NJM2068D-D |
| IC5 | 8-759-705-58 | s IC NJM4558D-D |
| IC6 | 8-759-705-58 | s IC NJM4558D-D |
| IC7 | 8-759-705-58 | s IC NJM4558D-D |
| IC8 | 8-752-018-80 | s IC CX20188 |
| IC9 | 8-759-705-58 | s IC NJM4558D-D |
| IC10 | 8-759-705-58 | s IC NJM4558D-D |
| IC11 | 8-759-145-57 | s IC UPC4557C |
| IC12 | 8-759-917-18 | s IC SN74HCU04AN |
| IC13 | 8-759-917-18 | s IC SN74HCU04AN |
| IC14 | 8-759-145-57 | s IC UPC4557C |
| IC15 | 8-759-705-58 | s IC NJM4558D-D |
| IC201 | 8-759-701-25 | s IC NJM2068D-D |
| IC202 | 8-759-701-25 | s IC NJM2068D-D |
| IC203 | 8-759-701-25 | s IC NJM2068D-D |
| IC204 | 8-759-701-25 | s IC NJM2068D-D |
| IC205 | 8-759-705-58 | s IC NJM4558D-D |
| IC206 | 8-759-705-58 | s IC NJM4558D-D |
| IC207 | 8-759-705-58 | s IC NJM4558D-D |
| IC208 | 8-759-705-58 | s IC NJM4558D-D |
| IC209 | 8-759-705-58 | s IC NJM4558D-D |
| IC210 | 8-759-145-57 | s IC UPC4557C |
| IC211 | 8-759-705-58 | s IC NJM4558D-D |
| IC401 | 8-759-701-25 | s IC NJM2068D-D |
| IC402 | 8-759-981-64 | s IC LM2903DQ |
| IC405 | 8-759-172-41 | s IC L78M09T-TL |
| IC406 | 8-759-173-37 | s IC L79M09T-TL |
| IC407 | 8-759-635-83 | s IC M51957BFP |
| IC408 | 8-759-172-41 | s IC L78M09T-TL |
| IC409 | 8-759-173-37 | s IC L79M09T-TL |
| IC410 | 8-759-701-25 | s IC NJM2068D-D |
| L1 | 1-410-068-11 | s INDUCTOR 5.60mH |
| L2 | 1-408-423-00 | s INDUCTOR 150uH |
| L201 | 1-410-068-11 | s INDUCTOR 5.60mH |
| L202 | 1-408-423-00 | s INDUCTOR 150uH |
| L401 | 1-410-470-11 | s INDUCTOR 10uH |
| L402 | 1-410-470-11 | s INDUCTOR 10uH |
| PS1 | ▲1-532-727-11 | s LINK, IC 0.25A |
| PS2 | ▲1-532-727-11 | s LINK, IC 0.25A |
| Q5 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q6 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q7 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q9 | 8-729-109-44 | s TRANSISTOR 2SK94 |
| Q11 | 8-729-905-18 | s TRANSISTOR DTC144EU |
| Q12 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q13 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q18 | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA) |
| Q19 | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA) |
| Q20 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ |
| Q21 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ |
| Q22 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q23 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q25 | 8-729-140-93 | s TRANSISTOR 2SB733-34 |
| Q30 | 8-729-140-93 | s TRANSISTOR 2SB733-34 |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| Q205 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q206 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q207 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q209 | 8-729-109-44 s | TRANSISTOR 2SK94 |
| Q211 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q216 | 8-729-423-93 s | TRANSISTOR 2SD2136-R(TA) |
| Q217 | 8-729-022-00 s | TRANSISTOR 2SB1416-R(TA) |
| Q218 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q219 | 8-729-021-98 s | TRANSISTOR 2SJ226-AZ |
| Q220 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q221 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q223 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q403 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| R1 | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W |
| R5 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R6 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R8 | 1-216-105-00 s | METAL, CHIP 220k 5% 1/10W |
| R9 | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W |
| R10 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R13 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R16 | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W |
| R17 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R19 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R20 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R23 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R24 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R25 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R26 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R27 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R28 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R28 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R30 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R31 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R32 | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W |
| R33 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R34 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R35 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R36 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R37 | 1-215-473-00 s | METAL 150k 1% 1/6W |
| R38 | 1-215-471-00 s | METAL 120k 1% 1/6W |
| R39 | 1-215-479-00 s | METAL 270k 1% 1/6W |
| R40 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R41 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R42 | 1-216-695-11 s | METAL, CHIP 68k 0.5% 1/10W |
| R43 | 1-215-475-00 s | METAL 180k 1% 1/6W |
| R44 | 1-215-493-00 s | METAL 1M 1% 1/6W |
| R45 | 1-215-461-00 s | METAL 47k 1% 1/6W |
| R46 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R47 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R51 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R56 | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W |
| R57 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R58 | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W |
| R59 | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W |
| R60 | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W |
| R61 | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R62 | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R63 | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R64 | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R65 | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W |
| R66 | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W |
| R67 | 1-216-654-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R68 | 1-215-493-00 s | METAL 1M 1% 1/6W |
| R69 | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R70 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R71 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R72 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R73 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R74 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R75 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R76 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R77 | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R78 | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W |
| R79 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R80 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R82 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R83 | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W |
| R84 | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W |
| R85 | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W |
| R86 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R87 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R88 | 1-216-672-11 s | METAL, CHIP 7.5k 0.5% 1/10W |
| R89 | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W |
| R90 | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R91 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R92 | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R93 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R106 | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W |
| R107 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R108 | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R109 | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R110 | 1-216-650-11 s | METAL, CHIP 910 0.5% 1/10W |
| R111 | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R112 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R113 | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R114 | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W |
| R115 | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W |
| R116 | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W |
| R117 | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W |
| R118 | 1-247-807-31 s | CARBON 100 5% 1/4W |
| R119 | 1-216-399-00 s | WIREWOUND 6.8 10% 3W |
| R120 | 1-216-399-00 s | WIREWOUND 6.8 10% 3W |
| R121 | 1-247-807-31 s | CARBON 100 5% 1/4W |
| R122 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R123 | 1-249-389-11 s | CARBON 4.7 5% 1/4W |
| R124 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R125 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R126 | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W |
| R127 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R128 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R129 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R130 | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W |
| R131 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R132 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R133 | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W |
| R134 | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W |
| R135 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R136 | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W |
| R137 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R138 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R139 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R140 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R141 | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W |
| R142 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R143 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R144 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R145-154 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R166 | 1-216-295-91 s | RES, CHIP 0 |
| R178 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R179 | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R180 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R181 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R182 | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W |
| R183 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R184 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R186 | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W |
| R187 | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R201 | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W |
| R205 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R206 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R208 | 1-216-105-00 s | METAL, CHIP 220k 5% 1/10W |
| R209 | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W |
| R210 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R213 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R216 | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W |
| R217 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R219 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R220 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R223 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R224 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R225 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R226 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R227 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R228 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R230 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R231 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R232 | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W |
| R233 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R234 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R235 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R236 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R237 | 1-215-473-00 s | METAL 150k 1% 1/6W |
| R238 | 1-215-471-00 s | METAL 120k 1% 1/6W |
| R239 | 1-215-479-00 s | METAL 270k 1% 1/6W |
| R240 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R241 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R242 | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R243 | 1-215-483-00 s | METAL 390k 1% 1/6W |
| R244 | 1-215-493-00 s | METAL 1M 1% 1/6W |
| R245 | 1-215-459-00 s | METAL 39k 1% 1/6W |
| R246 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R247 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R251 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R255 | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W |
| R256 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R257 | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|------------------|-----------------------------|
| R258 | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W |
| R259 | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W |
| R260 | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R261 | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R262 | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W |
| R263 | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R264 | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W |
| R265 | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W |
| R266 | 1-216-654-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R267 | 1-215-493-00 s | METAL 1M 1% 1/6W |
| R268 | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R269 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R270 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R271 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R272 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R273 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R274 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R276 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R277 | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W |
| R278 | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W |
| R279 | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W |
| R280 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R281 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R282 | 1-216-672-11 s | METAL, CHIP 7.5k 0.5% 1/10W |
| R283 | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W |
| R284 | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R285 | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W |
| R286 | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R287 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R300 | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W |
| R301 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R302 | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R303 | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R304 | 1-216-650-11 s | METAL, CHIP 910 0.5% 1/10W |
| R305 | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R306 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R307 | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R308 | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W |
| R309 | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W |
| R310 | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W |
| R311 | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W |
| R312 | 1-247-807-31 s | CARBON 100 5% 1/4W |
| R313 | △ 1-216-399-00 s | WIREWOUND 6.8 10% 3W |
| R314 | △ 1-216-399-00 s | WIREWOUND 6.8 10% 3W |
| R315 | 1-247-807-31 s | CARBON 100 5% 1/4W |
| R316 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R317 | 1-249-389-11 s | CARBON 4.7 5% 1/4W |
| R318 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R319 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R320 | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W |
| R321 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R322 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R323 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R324 | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W |
| R325 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R326 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R327 | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W |
| R328 | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W |
| R329 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |

(AP-31A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R330 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R331 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R332 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R333 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R334 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R335 | 1-216-684-11 | s METAL, CHIP 24k 0.5% 1/10W |
| R336 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R337 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R338 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R341 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R342 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R343 | 1-216-295-91 | s RES, CHIP 0 |
| R387 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R400 | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R401 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R402 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R403 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R405 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R406 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R407 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R408 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R410 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R412 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R413 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R414 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R415 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R416 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R417 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R418 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R419 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R420 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R421 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R422 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R423 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R424 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R425 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R426 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R427 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R428 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R500 | 1-215-403-00 | s METAL 180 1% 1/6W |
| R501 | 1-215-403-00 | s METAL 180 1% 1/6W |
| RV1 | 1-241-789-21 | s RES, ADJ METAL 220k |
| RV2 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV3 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV4 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV5 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV201 | 1-241-789-21 | s RES, ADJ METAL 220k |
| RV202 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV203 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV204 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV205 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| S1 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S2 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S201 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S202 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| TH1 | 1-800-199-11 | s THERMISTOR S-1250 |
| TH2 | 1-800-199-11 | s THERMISTOR S-1250 |

AR-14 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

AR-14 board is used for UVW-1800.

| | | |
|---------|--------------|--------------------------------|
| 1pc | A-8275-287-A | o MOUNTED CIRCUIT BOARD, AR-14 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C1 | 1-163-137-00 | s CERAMIC, CHIP 680pF 5% 50V |
| C2 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C3 | 1-163-137-00 | s CERAMIC, CHIP 680pF 5% 50V |
| C4 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C5 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C6 | 1-163-137-00 | s CERAMIC, CHIP 680pF 5% 50V |
| C7 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C8 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C9 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C10 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C11 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C12 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C13 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C14 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C15 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C16-C20 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C21 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C22 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C23 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C101 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C102 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C103 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C104 | 1-126-940-11 | s ELECT 330uF 20% 25V |
| C105 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C106 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C109 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C110 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C111 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C112 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C113 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C114 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C115 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V |
| C116 | 1-130-471-00 | s MYLAR 0.001uF 5% 50V |
| C117 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C118 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C119 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V |
| C120 | 1-130-473-00 | s MYLAR 0.0015uF 5% 50V |
| C121 | 1-130-494-11 | s MYLAR 0.082uF 5% 50V |
| C122 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C123 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C124 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C125 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C126 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C127 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C128 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C129 | 1-136-438-11 | s FILM 270pF 5% 630V |
| C130 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C131 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C132 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C133 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C134 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C135 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C136 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C137 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C201 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C202 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C203 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C204 | 1-126-940-11 | s ELECT 330uF 20% 25V |
| C205 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C206 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C207 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C208 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C209 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C210 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C211 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C212 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C213 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C214 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C215 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V |
| C216 | 1-130-471-00 | s MYLAR 0.001uF 5% 50V |
| C217 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C218 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C219 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V |
| C220 | 1-130-473-00 | s MYLAR 0.0015uF 5% 50V |
| C221 | 1-130-494-11 | s MYLAR 0.082uF 5% 50V |
| C222 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C223 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C224 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C225 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C226 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C227 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C228 | 1-136-439-11 | s FILM 330pF 5% 630V |
| C229 | 1-136-438-11 | s FILM 270pF 5% 630V |
| C230 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C231 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C232 | 1-130-485-00 | s MYLAR 0.015uF 5% 50V |
| C233 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C234 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C235 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V |
| C236 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C237 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C301 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C302 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C303 | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V |
| C305 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C307 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C308 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C309 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C312 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C313 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C322 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C323 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C332 | 1-131-349-00 | s TANTALUM 2.2uF 10% 35V |
| C333 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C334 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C335 | 1-136-561-11 | s FILM 0.0068uF 5% 630V |
| C336 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C337 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C342 | 1-131-349-00 | s TANTALUM 2.2uF 10% 35V |
| C343 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C344 | 1-126-947-11 | s ELECT 47uF 20% 35V |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C345 | 1-136-561-11 | s FILM 0.0068uF 5% 630V |
| C346 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C347 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C352 | 1-131-349-00 | s TANTALUM 2.2uF 10% 35V |
| C353 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C354 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C355 | 1-136-561-11 | s FILM 0.0068uF 5% 630V |
| C356 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| CN1 | 1-506-474-11 | s CONNECTOR 9P, MALE |
| CN112 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| D1 | 8-719-123-85 | s DIODE 1SS304 |
| D101 | 8-719-941-23 | s DIODE DA204U |
| D102 | 8-719-941-23 | s DIODE DA204U |
| D103 | 8-719-941-23 | s DIODE DA204U |
| D201 | 8-719-941-23 | s DIODE DA204U |
| D202 | 8-719-941-23 | s DIODE DA204U |
| D203 | 8-719-941-23 | s DIODE DA204U |
| D301 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D302 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D303 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D304 | 8-719-157-23 | s DIODE RD4.7M-B |
| D305 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D306 | 8-719-157-23 | s DIODE RD4.7M-B |
| D311 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D312 | 8-719-157-23 | s DIODE RD4.7M-B |
| D313 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D314 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D321 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D322 | 8-719-157-23 | s DIODE RD4.7M-B |
| D323 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D324 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D331 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D332 | 8-719-157-23 | s DIODE RD4.7M-B |
| D334 | 8-719-123-82 | s DIODE 1SS303-T1 |
| IC1 | 8-759-140-53 | s IC UPD4053BC |
| IC2 | 8-759-705-58 | s IC NJM4558D-D |
| IC3 | 8-759-917-18 | s IC SN74HC04AN |
| IC5 | 8-759-168-20 | s IC TA78L09S |
| IC6 | 8-759-700-68 | s IC NJM79L09A |
| IC7 | 8-759-168-20 | s IC TA78L09S |
| IC101 | 8-759-705-58 | s IC NJM4558D-D |
| IC102 | 8-759-705-58 | s IC NJM4558D-D |
| IC103 | 8-759-705-58 | s IC NJM4558D-D |
| IC104 | 8-759-705-58 | s IC NJM4558D-D |
| IC105 | 8-759-705-58 | s IC NJM4558D-D |
| IC201 | 8-759-705-58 | s IC NJM4558D-D |
| IC202 | 8-759-705-58 | s IC NJM4558D-D |
| IC203 | 8-759-705-58 | s IC NJM4558D-D |
| IC204 | 8-759-705-58 | s IC NJM4558D-D |
| IC205 | 8-759-705-58 | s IC NJM4558D-D |
| IC301 | 8-759-917-18 | s IC SN74HC04AN |
| IC302 | 8-759-917-37 | s IC MC74HC024N |
| IC303 | 8-759-000-01 | s IC MC74HC4538N |
| IC304 | 8-759-916-16 | s IC MC74HC08AN |
| IC305 | 8-759-921-19 | s IC SN74HC161N |
| IC306 | 8-759-916-29 | s IC SN74HC74N |
| IC307 | 8-759-917-18 | s IC SN74HC04AN |
| IC308 | 8-759-916-16 | s IC MC74HC08AN |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|-----------------|-------------------------|
| IC309 | 8-759-135-80 s | IC UPC358C |
| IC310 | 8-759-135-80 s | IC UPC358C |
| IC311 | 8-759-916-12 s | IC SN74HC00N |
| IC312 | 8-759-917-18 s | IC SN74HC004AN |
| IC313 | 8-759-135-80 s | IC UPC358C |
| IC314 | 8-759-916-12 s | IC SN74HC00N |
| IC315 | 8-759-705-58 s | IC NJM4558D-D |
| IC316 | 8-759-705-58 s | IC NJM4558D-D |
| L1 | 1-410-470-11 s | INDUCTOR 10uH |
| L2 | 1-410-470-11 s | INDUCTOR 10uH |
| L101 | 1-410-478-11 s | INDUCTOR 47uH |
| L102 | 1-407-499-00 s | INDUCTOR 3.9mH |
| L201 | 1-410-478-11 s | INDUCTOR 47uH |
| L202 | 1-407-499-00 s | INDUCTOR 3.9mH |
| L301 | 1-410-470-11 s | INDUCTOR 10uH |
| L311 | 1-410-470-11 s | INDUCTOR 10uH |
| L321 | 1-410-470-11 s | INDUCTOR 10uH |
| LV101 | 1-410-853-21 s | COIL, VAR 4.5uH |
| LV201 | 1-410-853-21 s | COIL, VAR 4.5uH |
| LV301 | 1-414-007-11 s | COIL, VAR 1.5uH |
| LV311 | 1-414-007-11 s | COIL, VAR 1.5uH |
| LV321 | 1-414-007-11 s | COIL, VAR 1.5uH |
| PS1 | ▲1-532-727-11 s | LINK, IC 0.25A |
| PS2 | ▲1-532-727-11 s | LINK, IC 0.25A |
| Q1 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q2 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q3 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q4 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q5 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q101 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q102 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q103 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q104 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q105 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q201 | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q202 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q203 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q204 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q205 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q301 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q302 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q303 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q304 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q305 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q306 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q311 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q312 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q313 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q314 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q316 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q317 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q318 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q319 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q321 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q322 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q323 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q324 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| Q325 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q326 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q327 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q328 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q329 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q331 | 8-729-203-30 s | TRANSISTOR 2SJ106Y |
| Q332 | 8-729-140-93 s | TRANSISTOR 2SB733-34 |
| Q333 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q334 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q335 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q336 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q337 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| Q339 | 8-729-140-98 s | TRANSISTOR 2SD773-3 |
| R1 | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W |
| R2 | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W |
| R3 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R4 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R5 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R6 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R7 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R8 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R9 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R10 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R11 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R12 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R13 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R14 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R15 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R16 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R17 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R18-R25 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R26 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R27 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R103 | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R104 | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R105 | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W |
| R106 | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W |
| R107 | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W |
| R108 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R109 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R110 | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W |
| R111 | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W |
| R112 | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W |
| R113 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R114 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R115 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R116 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R117 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R118 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R119 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R120 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R121 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R122 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R123 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R124 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R125 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R126 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R127 | 1-215-444-00 s | METAL 9.1k 1% 1/6W |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------------|
| R128 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R129 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R130 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R131 | 1-216-295-91 | s RES, CHIP 0 |
| R132 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R133 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R134 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R135 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R136 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R137 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R138 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R139 | △ 1-215-905-11 | s METAL 10 5% 3W |
| R140 | △ 1-215-905-11 | s METAL 10 5% 3W |
| R141 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R142 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R143 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R144 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R146 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R147 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R148 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R149 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R150 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R151-155 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R156 | 1-215-435-00 | s METAL 3.9k 1% 1/6W |
| R203 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R204 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R205 | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W |
| R206 | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W |
| R207 | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W |
| R208 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R209 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R210 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R211 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R212 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R213 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R214 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R215 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R216 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R217 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R218 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R219 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R220 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R221 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R222 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R223 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R224 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R225 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R226 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R227 | 1-215-444-00 | s METAL 9.1k 1% 1/6W |
| R228 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R229 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R230 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R231 | 1-216-295-91 | s RES, CHIP 0 |
| R232 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R233 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R234 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R235 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R236 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R237 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------------|
| R238 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R239 | △ 1-215-905-11 | s METAL 10 5% 3W |
| R240 | △ 1-215-905-11 | s METAL 10 5% 3W |
| R241 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R242 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R243 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R244 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R246 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R247 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R248 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R249 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R250 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R251-255 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R256 | 1-215-435-00 | s METAL 3.9k 1% 1/6W |
| R301 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R302 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R303 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R304 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R305 | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R306 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R307 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R308 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R309 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R310 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R311 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R312 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R313 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R314 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R315 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R316 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R317 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R318 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R319 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R320 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R321 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R322 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R323 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R324 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R325 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R326 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R327 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R328 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R329 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R330 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R331 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R332 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R341 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R342 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R343 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R344 | 1-216-295-91 | s RES, CHIP 0 |
| R345 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R346 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R347 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R348 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R349 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R350 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R351 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R352 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R353 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-------------------------------|
| R354 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R355 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R356 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R357 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R358 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R359 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R361 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R363 | 1-217-671-11 | s METAL, CHIP 1 5% 1/10W |
| R364 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R365 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R366 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R371 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R372 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R373 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R374 | 1-216-295-91 | s RES, CHIP 0 |
| R375 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R376 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R377 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R378 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R379 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R380 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R381 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R382 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R383 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R384 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R385 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R386 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R387 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R388 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R389 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R391 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R393 | 1-217-671-11 | s METAL, CHIP 1 5% 1/10W |
| R394 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R395 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R396 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R401 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R402 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R403 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R404 | 1-216-295-91 | s RES, CHIP 0 |
| R405 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R406 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R407 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R408 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R409 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R410 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R411 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R412 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R413 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R414 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R415 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R416 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R417 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R418 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R419 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R421 | △1-216-397-11 | s METAL 4.7 5% 3W |
| R423 | 1-217-671-11 | s METAL, CHIP 1 5% 1/10W |
| R426 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| RV106 | 1-241-785-11 | s RES, ADJ METAL 10k |

(AR-14 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------|
| RV107 | 1-241-786-11 | s RES, ADJ METAL 22k |
| RV108 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV109 | 1-241-781-11 | s RES, ADJ METAL 470 |
| RV110 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV111 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV112 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV206 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV207 | 1-241-786-11 | s RES, ADJ METAL 22k |
| RV208 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV209 | 1-241-781-11 | s RES, ADJ METAL 470 |
| RV210 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV211 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV212 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV301 | 1-241-765-11 | s RES, ADJ METAL 22k |
| RV302 | 1-241-765-11 | s RES, ADJ METAL 22k |
| RY301 | 1-515-434-00 | s RELAY, REED |
| RY311 | 1-515-434-00 | s RELAY, REED |
| S103 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| S203 | 1-570-602-11 | s SWITCH, DIP 2-CKT |
| T101 | 1-423-870-11 | s TRANSFORMER, BIAS OSC |
| T201 | 1-423-870-11 | s TRANSFORMER, BIAS OSC |
| T301 | 1-424-511-11 | s TRANSFORMER, FE |
| T311 | 1-424-511-11 | s TRANSFORMER, FE |
| T321 | 1-424-511-11 | s TRANSFORMER, FE |
| TH1 | 1-800-199-11 | s THERMISTOR S-1250 |
| TH2 | 1-800-199-11 | s THERMISTOR S-1250 |
| X301 | 1-567-861-21 | s CRYSTAL 4.194304MHZ |

CL-25 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

Two CL-25 boards are used in UVW-1800/1600.
One board has the following parts.

| | | |
|-------|--------------|--------------------------------|
| 1pc | 1-640-170-13 | o PRINTED CIRCUIT BOARD, CL-25 |
| 1pc | 3-171-424-01 | o HOLDER, SENSOR |
| C1 | 1-161-051-00 | s CERAMIC 0.01uF 10% 50V |
| CN930 | 1-564-011-11 | o CONNECTOR 12P, MALE |
| CN931 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| CN933 | 1-573-599-11 | s CONNECTOR 5P, FEMALE |
| CN935 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| D1 | 8-719-938-07 | s LED GL480, INFRARED |
| D2 | 8-719-938-07 | s LED GL480, INFRARED |
| Q1 | 8-729-903-81 | s PHOTOTRANSISTOR PT480 |
| Q2 | 8-729-903-81 | s PHOTOTRANSISTOR PT480 |
| R1 | 1-249-414-11 | s CARBON 560 5% 1/4W |
| R2 | 1-249-414-11 | s CARBON 560 5% 1/4W |

CP-225 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

CP-225 board is used for UVW-1800.

| | | |
|---------|--------------|-----------------------------------|
| 1pc | A-8276-738-A | o MOUNTED CIRCUIT BOARD, CP-225 |
| C1 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C2 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C3 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C5 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C6 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C7 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN1 | 1-573-582-11 | s CONNECTOR, BNC, FEMALE |
| CN2 | 1-573-582-11 | s CONNECTOR, BNC, FEMALE |
| CN3 | 1-573-590-12 | s CONNECTOR, CIRCULAR 4P, FEMALE |
| CN4 | 1-573-584-11 | s CONNECTOR, BNC, FEMALE |
| CN5 | 1-573-582-11 | s CONNECTOR, BNC, FEMALE |
| CN6 | 1-573-582-11 | s CONNECTOR, BNC, FEMALE |
| CN7 | 1-573-590-12 | s CONNECTOR, CIRCULAR 4P, FEMALE |
| CN8 | 1-573-584-11 | s CONNECTOR, BNC, FEMALE |
| CN9 | 1-691-273-11 | s JACK, PIN 1P, FEMALE |
| CN10 | 1-573-589-11 | s CONNECTOR, CIRCULAR 12P, MALE |
| CN11 | 1-573-592-11 | s CONNECTOR, CIRCULAR 12P, FEMALE |
| CN651 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN652 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN653 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN654 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| CN655 | 1-506-493-11 | s CONNECTOR 14P, MALE |
| CN656 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| FL5 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL6 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL7 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL8 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL9 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL10 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL11 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL12 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| Q1 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q2 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| R1 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R2 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R3 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R4 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R5 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R6 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R7 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R8 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R9 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R10 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R11-R16 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| S1 | 1-570-157-51 | s SWITCH, SLIDE |
| S2 | 1-570-157-51 | s SWITCH, SLIDE |
| S3 | 1-570-756-11 | s SWITCH, SLIDE |

CP-225A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

CP-225A board is used for UVW-1600.

| | | |
|-------|--------------|-----------------------------------|
| 1pc | A-8276-732-A | o MOUNTED CIRCUIT BOARD, CP-225A |
| C1 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C5 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C6 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C7 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN1 | 1-764-165-11 | s CONNECTOR, 2-BNC, FEMALE |
| CN5 | 1-573-583-11 | s CONNECTOR, BNC, FEMALE |
| CN6 | 1-573-582-11 | s CONNECTOR, BNC, FEMALE |
| CN7 | 1-573-590-12 | s CONNECTOR, CIRCULAR 4P, FEMALE |
| CN8 | 1-573-584-11 | s CONNECTOR, BNC, FEMALE |
| CN9 | 1-691-273-11 | s JACK, PIN 1P, FEMALE |
| CN11 | 1-573-592-11 | s CONNECTOR, CIRCULAR 12P, FEMALE |
| CN651 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN652 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN653 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN655 | 1-506-493-11 | s CONNECTOR 14P, MALE |
| CN656 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| FL1 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL6 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL7 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL8 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL9 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL10 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL11 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| FL12 | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC |
| Q1 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| R1 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R2 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R3 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R4 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R9 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R16 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| S1 | 1-570-157-51 | s SWITCH, SLIDE |

CP-226 BOARD(UVW-1800(UC))

Ref. No.
or Q'ty Part No. SP Description

CP-226 board is used for UVW-1800(UC).

| | | |
|-------|--------------|---------------------------------|
| 1pc | A-8276-739-A | o MOUNTED CIRCUIT BOARD, CP-226 |
| C1 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C21 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN101 | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE |
| CN102 | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN275 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN276 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| R1 | 1-216-295-91 | s RES, CHIP 0 |
| R2 | 1-216-295-91 | s RES, CHIP 0 |
| R5 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R6 | 1-216-295-91 | s RES, CHIP 0 |
| R7 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R8 | 1-216-295-91 | s RES, CHIP 0 |
| R11 | 1-216-295-91 | s RES, CHIP 0 |
| R12 | 1-216-295-91 | s RES, CHIP 0 |
| R21 | 1-216-295-91 | s RES, CHIP 0 |
| R22 | 1-216-295-91 | s RES, CHIP 0 |
| R25 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R27 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R28 | 1-216-295-91 | s RES, CHIP 0 |
| R31 | 1-216-295-91 | s RES, CHIP 0 |
| S1 | 1-570-157-11 | s SWITCH, SLIDE |
| S2 | 1-570-157-11 | s SWITCH, SLIDE |
| T1 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |
| T2 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |

CP-226A BOARD(UVW-1600(UC))

Ref. No.
or Q'ty Part No. SP Description

CP-226A board is used for UVW-1600(UC).

| | | |
|-------|--------------|----------------------------------|
| 1pc | A-8276-733-A | o MOUNTED CIRCUIT BOARD, CP-226A |
| C1 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C21 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN102 | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN276 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| R7 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R8 | 1-216-295-91 | s RES, CHIP 0 |
| R11 | 1-216-295-91 | s RES, CHIP 0 |
| R12 | 1-216-295-91 | s RES, CHIP 0 |
| R27 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R28 | 1-216-295-91 | s RES, CHIP 0 |
| R31 | 1-216-295-91 | s RES, CHIP 0 |
| T1 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |
| T2 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |

CP-226J BOARD(UVW-1800(J))

Ref. No.
or Q'ty Part No. SP Description

CP-226J board is used for UVW-1800(J).

| | | |
|-------|--------------|----------------------------------|
| 1pc | A-8276-762-A | o MOUNTED CIRCUIT BOARD, CP-226J |
| C1 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C21 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN101 | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE |
| CN102 | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN275 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN276 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| R3 | 1-216-295-91 | s RES, CHIP 0 |
| R4 | 1-216-295-91 | s RES, CHIP 0 |
| R5 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R6 | 1-216-295-91 | s RES, CHIP 0 |
| R7 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R9 | 1-216-295-91 | s RES, CHIP 0 |
| R10 | 1-216-295-91 | s RES, CHIP 0 |
| R12 | 1-216-295-91 | s RES, CHIP 0 |
| R23 | 1-216-295-91 | s RES, CHIP 0 |
| R24 | 1-216-295-91 | s RES, CHIP 0 |
| R25 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R27 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R29 | 1-216-295-91 | s RES, CHIP 0 |
| R30 | 1-216-295-91 | s RES, CHIP 0 |
| S1 | 1-570-157-11 | s SWITCH, SLIDE |
| S2 | 1-570-157-11 | s SWITCH, SLIDE |
| T1 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |
| T2 | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT |

CP-226AJ BOARD(UVW-1600(J))

Ref. No.
or Q'ty Part No. SP Description

CP-226AJ board is used for UVW-1600(J).

1pc A-8276-763-A o MOUNTED CIRCUIT BOARD, CP-226AJ

C1 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V
C21 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

CN102 1-750-786-11 s CONNECTOR, XLR 3P, FEMALE
CN274 1-506-486-11 s CONNECTOR 7P, MALE
CN276 1-564-001-11 o CONNECTOR 2P, MALE

R7 1-216-025-00 s METAL, CHIP 100 5% 1/10W
R9 1-216-295-91 s RES, CHIP 0
R10 1-216-295-91 s RES, CHIP 0
R12 1-216-295-91 s RES, CHIP 0
R27 1-216-025-00 s METAL, CHIP 100 5% 1/10W

R29 1-216-295-91 s RES, CHIP 0
R30 1-216-295-91 s RES, CHIP 0

T1 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT
T2 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT

CP-237 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

1pc A-8276-741-A o MOUNTED CIRCUIT BOARD, CP-237

CN501 1-764-259-11 s CONNECTOR, D-SUB 15P, MALE
CN502 1-573-566-11 s CONNECTOR, D-SUB 9P, FEMALE
CN532 1-563-462-11 o CONNECTOR, FPC 17P

CP-237A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

CP-237A board is used for UVW-1600.

1pc A-8276-734-A o MOUNTED CIRCUIT BOARD, CP-237A

CN501 1-764-259-11 s CONNECTOR, D-SUB 15P, MALE
CN502 1-573-566-11 s CONNECTOR, D-SUB 9P, FEMALE
CN532 1-563-462-11 o CONNECTOR, FPC 17P

DR-214 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

1pc A-8275-290-A o MOUNTED CIRCUIT BOARD, DR-214
1pc 1-532-679-00 s LINK, IC 0.6A
6pcs 4-911-232-01 s SHEET, INSULATING
1pc 3-182-357-01 o HEAT SINK (L), DR
1pc 3-182-358-01 o HEAT SINK (R), DR

16pcs 7-682-548-04 s SCREW, +B3x8
1pc 9-911-841-XX s CUSHION (B)

C1 1-126-940-11 s ELECT 330uF 20% 25V
C2 1-126-940-11 s ELECT 330uF 20% 25V
C3 1-126-933-11 s ELECT 100uF 20% 16V
C4 1-126-933-11 s ELECT 100uF 20% 16V
C5 1-124-589-11 s ELECT 47uF 20% 16V

C6 1-125-404-00 s DOUBLE LAYERS 0.47F 5.5V
C7 1-131-347-00 s TANTALUM 1uF 10% 35V
C8 1-126-940-11 s ELECT 330uF 20% 25V
C51 1-164-095-11 s CERAMIC 0.01uF 10% 16V
C52 1-164-095-11 s CERAMIC 0.01uF 10% 16V

C53 1-164-095-11 s CERAMIC 0.01uF 10% 16V
C54 1-164-095-11 s CERAMIC 0.01uF 10% 16V
C55 1-130-489-00 s MYLAR 0.033uF 5% 50V
C56 1-130-489-00 s MYLAR 0.033uF 5% 50V
C57 1-130-489-00 s MYLAR 0.033uF 5% 50V

C58 1-126-096-11 s ELECT 10uF 20% 35V
C59 1-126-096-11 s ELECT 10uF 20% 35V
C60 1-126-096-11 s ELECT 10uF 20% 35V
C61 1-164-097-11 s CERAMIC 0.022uF 50V
C62 1-164-097-11 s CERAMIC 0.022uF 50V

C101 1-164-095-11 s CERAMIC 0.01uF 10% 16V
C102 1-130-489-00 s MYLAR 0.033uF 5% 50V
C103 1-164-035-11 s CERAMIC 47pF 5% 50V
C104 1-164-035-11 s CERAMIC 47pF 5% 50V
C151-155 1-126-096-11 s ELECT 10uF 20% 35V

C156 1-164-095-11 s CERAMIC 0.01uF 10% 16V
C201 1-124-248-00 s ELECT 22uF 20% 35V
C202 1-124-248-00 s ELECT 22uF 20% 35V
C203 1-124-248-00 s ELECT 22uF 20% 35V
C204 1-124-248-00 s ELECT 22uF 20% 35V

C205 1-130-489-00 s MYLAR 0.033uF 5% 50V
C206 1-130-489-00 s MYLAR 0.033uF 5% 50V
C207 1-164-035-11 s CERAMIC 47pF 5% 50V
C208 1-164-035-11 s CERAMIC 47pF 5% 50V
C209 1-164-035-11 s CERAMIC 47pF 5% 50V

C210 1-164-097-11 s CERAMIC 0.022uF 50V
C211 1-164-097-11 s CERAMIC 0.022uF 50V
C212 1-164-035-11 s CERAMIC 47pF 5% 50V
C251 1-124-248-00 s ELECT 22uF 20% 35V
C252 1-124-248-00 s ELECT 22uF 20% 35V

C253 1-124-248-00 s ELECT 22uF 20% 35V
C254 1-124-248-00 s ELECT 22uF 20% 35V
C255 1-130-489-00 s MYLAR 0.033uF 5% 50V
C256 1-130-489-00 s MYLAR 0.033uF 5% 50V
C257 1-164-097-11 s CERAMIC 0.022uF 50V

C258 1-164-097-11 s CERAMIC 0.022uF 50V
C259 1-164-035-11 s CERAMIC 47pF 5% 50V
C260 1-164-035-11 s CERAMIC 47pF 5% 50V
C261 1-164-035-11 s CERAMIC 47pF 5% 50V
C264 1-164-035-11 s CERAMIC 47pF 5% 50V

C301 1-124-248-00 s ELECT 22uF 20% 35V

(DR-214 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| C303 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C304 | 1-130-495-00 | s MYLAR 0.1uF 5% 50V |
| C305 | 1-126-160-11 | s ELECT 1uF 20% 50V |
| C306 | 1-126-096-11 | s ELECT 10uF 20% 35V |
| C308 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| C309 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| C310 | 1-161-494-00 | s CERAMIC 0.022uF 25V |
| C311 | 1-161-494-00 | s CERAMIC 0.022uF 25V |
| C313 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C314 | 1-130-495-00 | s MYLAR 0.1uF 5% 50V |
| C315 | 1-130-495-00 | s MYLAR 0.1uF 5% 50V |
| C316 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C317 | 1-130-477-00 | s MYLAR 0.0033uF 5% 50V |
| C318 | 1-162-290-31 | s CERAMIC 470pF 10% 50V |
| C319 | 1-130-477-00 | s MYLAR 0.0033uF 5% 50V |
| C320 | 1-126-096-11 | s ELECT 10uF 20% 35V |
| C321 | 1-162-290-31 | s CERAMIC 470pF 10% 50V |
| C322 | 1-162-282-31 | s CERAMIC 100pF 10% 50V |
| C323 | 1-162-282-31 | s CERAMIC 100pF 10% 50V |
| C324 | 1-126-096-11 | s ELECT 10uF 20% 35V |
| C325 | 1-161-494-00 | s CERAMIC 0.022uF 25V |
| C326 | 1-161-494-00 | s CERAMIC 0.022uF 25V |
| C327 | 1-161-494-00 | s CERAMIC 0.022uF 25V |
| C328 | 1-130-495-00 | s MYLAR 0.1uF 5% 50V |
| C331 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C332 | 1-126-096-11 | s ELECT 10uF 20% 35V |
| C333 | 1-130-495-00 | s MYLAR 0.1uF 5% 50V |
| C335 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C337 | 1-162-288-31 | s CERAMIC 330pF 10% 50V |
| C339 | 1-131-388-00 | s TANTALUM 68uF 10% 6.3V |
| C340 | 1-131-388-00 | s TANTALUM 68uF 10% 6.3V |
| C341 | 1-124-248-00 | s ELECT 22uF 20% 35V |
| C343 | 1-124-248-00 | s ELECT 22uF 20% 35V |
| C345 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C349 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| CN300 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| CN301 | 1-563-017-11 | o CONNECTOR, FPC 30P |
| CN302 | 1-563-017-11 | o CONNECTOR, FPC 30P |
| CN303 | 1-563-017-11 | o CONNECTOR, FPC 30P |
| D1 | 8-719-986-73 | s DIODE RB441Q |
| D151-156 | 8-719-200-02 | s DIODE 10E2 |
| D301 | 8-719-911-19 | s DIODE 1SS119 |
| D302 | 8-719-911-19 | s DIODE 1SS119 |
| D303 | 8-719-911-19 | s DIODE 1SS119 |
| D304 | 8-719-911-19 | s DIODE 1SS119 |
| D306 | 8-719-911-19 | s DIODE 1SS119 |
| IC1 | 8-759-603-69 | s IC M51957BL |
| IC51 | 8-759-106-41 | s IC UPC4570C |
| IC52 | 8-759-801-95 | s IC LB1620 |
| IC151 | 8-759-205-56 | s IC TA7267P |
| IC152 | 8-759-205-56 | s IC TA7267P |
| IC153 | 8-759-205-56 | s IC TA7267P |
| IC201 | 8-759-106-41 | s IC UPC4570C |
| IC251 | 8-759-106-41 | s IC UPC4570C |
| IC301 | 8-759-106-41 | s IC UPC4570C |
| IC302 | 8-759-106-41 | s IC UPC4570C |
| IC303 | 8-759-729-03 | s IC NJM2903D |
| IC304 | 8-759-106-41 | s IC UPC4570C |

(DR-214 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-----------------------------|
| IC305 | 8-759-106-41 | s IC UPC4570C |
| IC306 | 8-759-729-03 | s IC NJM2903D |
| IC307 | 8-759-140-53 | s IC UPD4053BC |
| IC308 | 8-759-800-72 | s IC LA7205 |
| IC310 | 8-743-914-00 | s IC BX3914 |
| IC311 | 8-759-700-58 | s IC NJM4558D-FA |
| IC313 | 8-759-140-53 | s IC UPD4053BC |
| L1 | 1-412-533-21 | s INDUCTOR 47uH |
| Q1 | 8-729-900-89 | s TRANSISTOR DTC144ES |
| Q51 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q52 | 8-729-021-83 | s TRANSISTOR 2SA1020-Y-TPE6 |
| Q53 | 8-729-400-12 | s TRANSISTOR 2SB941-P |
| Q101 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q102 | 8-729-021-83 | s TRANSISTOR 2SA1020-Y-TPE6 |
| Q103 | 8-729-400-12 | s TRANSISTOR 2SB941-P |
| Q151 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q152 | 8-729-141-83 | s TRANSISTOR 2SA473-Y |
| Q153 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q154 | 8-729-400-12 | s TRANSISTOR 2SB941-P |
| Q155 | 8-729-021-83 | s TRANSISTOR 2SA1020-Y-TPE6 |
| Q201 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q202 | 8-729-021-83 | s TRANSISTOR 2SA1020-Y-TPE6 |
| Q203 | 8-729-102-47 | s TRANSISTOR 2SA1141-Q |
| Q204 | 8-729-102-57 | s TRANSISTOR 2SC3012 |
| Q205 | 8-729-102-14 | s TRANSISTOR 2SD1021-F |
| Q206 | 8-729-205-02 | s TRANSISTOR 2SA1150-Y |
| Q207 | 8-729-102-47 | s TRANSISTOR 2SA1141-Q |
| Q208 | 8-729-102-57 | s TRANSISTOR 2SC3012 |
| Q251 | 8-729-265-52 | s TRANSISTOR 2SC2655-Y |
| Q252 | 8-729-021-83 | s TRANSISTOR 2SA1020-Y-TPE6 |
| Q253 | 8-729-102-47 | s TRANSISTOR 2SA1141-Q |
| Q254 | 8-729-102-57 | s TRANSISTOR 2SC3012 |
| Q255 | 8-729-102-14 | s TRANSISTOR 2SD1021-F |
| Q256 | 8-729-205-02 | s TRANSISTOR 2SA1150-Y |
| Q257 | 8-729-102-47 | s TRANSISTOR 2SA1141-Q |
| Q258 | 8-729-102-57 | s TRANSISTOR 2SC3012 |
| Q301 | 8-729-900-89 | s TRANSISTOR DTC144ES |
| Q302 | 8-729-900-89 | s TRANSISTOR DTC144ES |
| Q303 | 8-729-119-76 | s TRANSISTOR 2SA1115P |
| R1 | △1-215-860-11 | s METAL 33 5% 1W |
| R2 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R3 | 1-215-457-00 | s METAL 33k 1% 1/6W |
| R4 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R51 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R52 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R53 | △1-216-389-11 | s METAL 1 5% 3W |
| R54 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R55 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R56 | 1-249-393-11 | s CARBON 10 5% 1/4W |
| R57 | 1-249-393-11 | s CARBON 10 5% 1/4W |
| R58 | 1-249-393-11 | s CARBON 10 5% 1/4W |
| R59 | 1-249-408-11 | s CARBON 180 5% 1/4W |
| R60 | 1-249-406-11 | s CARBON 120 5% 1/4W |
| R101 | 1-247-887-00 | s CARBON 220k 5% 1/4W |
| R102 | △1-215-863-11 | s METAL 100 5% 1W |
| R103 | △1-215-863-11 | s METAL 100 5% 1W |
| R104 | △1-216-383-11 | s METAL 0.33 5% 3W |

(DR-214 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-----------------------|
| R105 | △1-216-365-00 | s METAL 0.47 5% 2W |
| R106 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R107 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R108 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R109 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R151 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R152 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R153 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R154 | △1-215-866-11 | s METAL 330 5% 1W |
| R155-160 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R161 | 1-247-887-00 | s CARBON 220k 5% 1/4W |
| R162 | △1-215-863-11 | s METAL 100 5% 1W |
| R163 | △1-215-867-00 | s METAL 470 5% 1W |
| R164 | △1-215-868-00 | s METAL 680 5% 1W |
| R165 | △1-216-383-11 | s METAL 0.33 5% 3W |
| R166 | △1-216-383-11 | s METAL 0.33 5% 3W |
| R167 | △1-216-383-11 | s METAL 0.33 5% 3W |
| R168 | △1-216-385-11 | s METAL 0.47 5% 3W |
| R201 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R202 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R203 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R204 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R205 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R206 | △1-215-863-11 | s METAL 100 5% 1W |
| R207 | △1-215-889-00 | s METAL 330 5% 2W |
| R208 | △1-215-889-00 | s METAL 330 5% 2W |
| R209 | △1-215-863-11 | s METAL 100 5% 1W |
| R210 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R211 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R212 | △1-216-365-00 | s METAL 0.47 5% 2W |
| R213 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R214 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R215 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R216 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R217 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R218 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R219 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R220 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R221 | △1-216-365-00 | s METAL 0.47 5% 2W |
| R251 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R252 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R253 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R254 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R255 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R256 | △1-215-863-11 | s METAL 100 5% 1W |
| R257 | △1-215-889-00 | s METAL 330 5% 2W |
| R258 | △1-215-889-00 | s METAL 330 5% 2W |
| R259 | △1-215-863-11 | s METAL 100 5% 1W |
| R260 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R261 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R262 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R263 | △1-216-365-00 | s METAL 0.47 5% 2W |
| R264 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R265 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R266 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R267 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R268 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R269 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R270 | △1-216-365-00 | s METAL 0.47 5% 2W |

(DR-214 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-----------------------|
| R271 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R301 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R302 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R303 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R304 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R305 | 1-249-433-11 | s CARBON 22k 5% 1/4W |
| R306 | 1-249-433-11 | s CARBON 22k 5% 1/4W |
| R307 | 1-247-885-00 | s CARBON 180k 5% 1/4W |
| R308 | 1-249-426-11 | s CARBON 5.6k 5% 1/4W |
| R309 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R310 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R311 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R312 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R313 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R314 | 1-249-433-11 | s CARBON 22k 5% 1/4W |
| R315 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R316 | 1-247-895-00 | s CARBON 470k 5% 1/4W |
| R317 | 1-249-421-11 | s CARBON 2.2k 5% 1/4W |
| R318 | 1-249-421-11 | s CARBON 2.2k 5% 1/4W |
| R319 | 1-215-429-00 | s METAL 2.2k 1% 1/6W |
| R320 | 1-215-429-00 | s METAL 2.2k 1% 1/6W |
| R321 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R322 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R323 | 1-249-426-11 | s CARBON 5.6k 5% 1/4W |
| R324 | 1-249-426-11 | s CARBON 5.6k 5% 1/4W |
| R325 | 1-215-481-00 | s METAL 330k 1% 1/6W |
| R326 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R327 | 1-249-435-11 | s CARBON 33k 5% 1/4W |
| R328 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R329 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R330 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R331 | 1-249-435-11 | s CARBON 33k 5% 1/4W |
| R332 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R333 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R334 | 1-215-481-00 | s METAL 330k 1% 1/6W |
| R335 | 1-247-903-00 | s CARBON 1M 5% 1/4W |
| R336 | 1-247-903-00 | s CARBON 1M 5% 1/4W |
| R337 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R338 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R339 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R340 | 1-249-425-11 | s CARBON 4.7k 5% 1/4W |
| R341 | 1-215-416-00 | s METAL 620 1% 1/6W |
| R342 | 1-249-425-11 | s CARBON 4.7k 5% 1/4W |
| R343 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R344 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R345 | 1-215-461-00 | s METAL 47k 1% 1/6W |
| R346 | 1-249-418-11 | s CARBON 1.2k 5% 1/4W |
| R347 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R349 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R350 | 1-249-427-11 | s CARBON 6.8k 5% 1/4W |
| R351 | 1-259-882-11 | s CARBON 3.3M 5% 1/4W |
| R352 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R353 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R354 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R356 | 1-249-427-11 | s CARBON 6.8k 5% 1/4W |
| R357 | 1-249-425-11 | s CARBON 4.7k 5% 1/4W |
| R358 | △1-215-886-11 | s METAL 100 5% 2W |

HP-61 BOARD(UVW-1800)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| 1pc | 1-648-917-11 | o PRINTED CIRCUIT BOARD, HP-61 |
| CN401 | 1-506-475-11 | s CONNECTOR 10P, MALE |
| CN403 | 1-564-002-41 | s CONNECTOR 3P, MALE |
| J1 | 1-507-863-51 | s JACK, PHONE |
| J2 | 1-507-743-21 | s JACK, MINI STEREO |
| RV1 | 1-241-577-11 | s RES, VAR CARBON 20k/20k |

HP-61A BOARD(UVW-1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-917-21 | o PRINTED CIRCUIT BOARD, HP-61A |
| CN401 | 1-506-475-11 | s CONNECTOR 10P, MALE |
| CN403 | 1-564-002-41 | s CONNECTOR 3P, MALE |
| J1 | 1-507-863-51 | s JACK, PHONE |
| J2 | 1-507-743-21 | s JACK, MINI STEREO |
| RV1 | 1-241-577-11 | s RES, VAR CARBON 20k/20k |

KY-249 BOARD(UVW-1800)

| Ref. No. or Q'ty | Part No. | SP Description |
|------------------------------------|--------------|---------------------------------|
| KY-249 board is used for UVW-1800. | | |
| 1pc | A-8275-289-A | o MOUNTED CIRCUIT BOARD, KY-249 |
| 1pc | 3-182-359-02 | o HOLDER, VFD |
| C1 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C3 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C4 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C5 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C6 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C7 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C8 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C14 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C15 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C16-C20 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C21 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C22 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C25 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C26 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| CN590 | 1-506-494-11 | s CONNECTOR 15P, MALE |
| CN591 | 1-563-003-21 | o CONNECTOR, FPC 20P |
| CN592 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN593 | 1-563-003-21 | o CONNECTOR, FPC 20P |
| D1 | 8-719-123-85 | s DIODE 1SS304 |
| D2-D11 | 8-719-123-82 | s DIODE 1SS303-T1 |
| IC1 | 8-759-505-99 | s IC MSC7128-04GS-V1K |
| IC2 | 8-759-150-61 | s IC UPC78L05T |
| IC3 | 8-759-194-79 | s IC UPD750286C-542-AB8 |
| IC6 | 8-759-925-74 | s IC TC74HC04NS |
| ND1 | 1-517-246-11 | s UNIT, FLD |
| Q1-Q8 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q9-Q33 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q34 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q35 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q36-Q41 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q42 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| R1 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R3 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R4 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R5 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R6 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R7-R19 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R22 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R23 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R25 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R26 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R27 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R28 | 1-216-019-00 | s METAL, CHIP 56 5% 1/10W |
| R29-R63 | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W |
| R76 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R77-R82 | 1-216-083-00 | s METAL, CHIP 27k 5% 1/10W |
| R83 | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W |
| R84 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R85 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R1021 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R1022 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| RV1 | 1-237-695-11 | s RES, VAR CARBON 5k |

(KY-249 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| RV2 | 1-237-695-11 | s RES, VAR CARBON 5k |
| S1 | 1-692-609-11 | s SWITCH, PUSH |
| S2 | 1-692-609-21 | s SWITCH, PUSH |
| S3 | 1-692-612-41 | s SWITCH, PUSH |
| S4 | 1-692-612-31 | s SWITCH, PUSH |
| S5 | 1-692-612-21 | s SWITCH, PUSH |
| S7 | 1-692-611-21 | s SWITCH, PUSH |
| S8 | 1-571-787-11 | s SWITCH, PUSH |
| S9 | 1-571-787-11 | s SWITCH, PUSH |
| S10 | 1-571-787-11 | s SWITCH, PUSH |
| S11 | 1-571-787-11 | s SWITCH, PUSH |
| S12 | 1-571-787-11 | s SWITCH, PUSH |
| S13 | 1-571-787-11 | s SWITCH, PUSH |
| S14 | 1-571-787-11 | s SWITCH, PUSH |
| S15 | 1-571-787-11 | s SWITCH, PUSH |
| S16 | 1-572-992-11 | s SWITCH, SLIDE |
| S17 | 1-572-992-11 | s SWITCH, SLIDE |
| S18 | 1-571-787-11 | s SWITCH, PUSH |
| S19 | 1-571-640-21 | s SWITCH, SLIDE |
| S20 | 1-571-640-21 | s SWITCH, SLIDE |
| S21 | 1-571-640-21 | s SWITCH, SLIDE |
| X1 | 1-577-101-11 | s RESONATOR CERAMIC 4.19MHz |

KY-249A BOARD(UVW-1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

KY-249A board is used for UVW-1600.

| | | |
|---------|--------------|----------------------------------|
| 1pc | A-8275-283-A | o MOUNTED CIRCUIT BOARD, KY-249A |
| 1pc | 3-182-359-02 | o HOLDER, VFD |
| C1 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C3 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C4 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C5 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C6 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C7 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C8 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C14 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C15 | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V |
| C16-C20 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C21 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C22 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C25 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C26 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| CN590 | 1-506-494-11 | s CONNECTOR 15P, MALE |
| CN591 | 1-563-003-21 | o CONNECTOR, FPC 20P |
| CN592 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN593 | 1-563-003-21 | o CONNECTOR, FPC 20P |
| D1 | 8-719-123-85 | s DIODE 1SS304 |
| D2-D11 | 8-719-123-82 | s DIODE 1SS303-T1 |
| IC1 | 8-759-505-99 | s IC MSC7128-04GS-V1K |
| IC2 | 8-759-150-61 | s IC UPC78L05T |
| IC3 | 8-759-194-79 | s IC UPD75028GC-542-AB8 |
| IC6 | 8-759-925-74 | s IC TC74HC04NS |
| ND1 | 1-517-246-11 | s UNIT, FLD |
| Q1-Q8 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q9-Q33 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q34 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q35 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| Q36-Q40 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q42 | 8-729-924-19 | s TRANSISTOR DTA123JU |
| R1 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R3 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R4 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R5 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R6 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R7 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R10-R19 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R22 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R23 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R25 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R26 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R27 | 1-216-011-00 | s METAL 27 5% 1/10W |
| R29-R63 | 1-216-103-91 | s METAL, CHIP 180k 5% 1/10W |
| R76 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R77-R81 | 1-216-083-00 | s METAL, CHIP 27k 5% 1/10W |
| R83 | 1-216-103-91 | s METAL, CHIP 180k 5% 1/10W |
| R84 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R85 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R1021 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R1022 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| RV1 | 1-237-695-11 | s RES, VAR CARBON 5k |

(KY-249A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| RV2 | 1-237-695-11 | s RES, VAR CARBON 5k |
| S1 | 1-692-609-11 | s SWITCH, PUSH |
| S2 | 1-692-609-21 | s SWITCH, PUSH |
| S3 | 1-692-612-41 | s SWITCH, PUSH |
| S4 | 1-692-612-31 | s SWITCH, PUSH |
| S5 | 1-692-612-21 | s SWITCH, PUSH |
| S8 | 1-571-787-11 | s SWITCH, PUSH |
| S9 | 1-571-787-11 | s SWITCH, PUSH |
| S10 | 1-571-787-11 | s SWITCH, PUSH |
| S11 | 1-571-787-11 | s SWITCH, PUSH |
| S12 | 1-571-787-11 | s SWITCH, PUSH |
| S13 | 1-571-787-11 | s SWITCH, PUSH |
| S15 | 1-571-787-11 | s SWITCH, PUSH |
| S16 | 1-572-992-11 | s SWITCH, SLIDE |
| S18 | 1-571-787-11 | s SWITCH, PUSH |
| S20 | 1-571-640-21 | s SWITCH, SLIDE |
| S21 | 1-571-640-21 | s SWITCH, SLIDE |
| X1 | 1-577-101-11 | s RESONATOR CERAMIC 4.19MHz |

MB-470 BOARD(UVW-1800)

| Ref. No. or Q'ty | Part No. | SP Description |
|------------------------------------|---------------|---------------------------------|
| MB-470 board is used for UVW-1800. | | |
| 1pc | A-8276-736-A | o MOUNTED CIRCUIT BOARD, MB-470 |
| 1pc | 3-683-631-01 | o CLAMP |
| C1 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C2 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| CN101 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN102 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN103 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN104 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN105 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN106 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN107 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN108 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN109 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN200 | 1-564-905-11 | o CONNECTOR, VH 9P, MALE |
| CN201 | 1-564-512-11 | o CONNECTOR 9P, MALE |
| CN211 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| CN214 | 1-580-195-21 | s CONNECTOR, PHEC 100P, FEMALE |
| CN231 | 1-563-018-11 | o CONNECTOR, FPC 34P |
| CN232 | 1-563-462-11 | o CONNECTOR, FPC 17P |
| CN235 | 1-564-013-41 | s CONNECTOR 3P, MALE |
| CN262 | 1-506-494-11 | s CONNECTOR 15P, MALE |
| CN266 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| CN267 | 1-506-472-11 | s CONNECTOR 7P, MALE |
| CN268 | 1-506-479-11 | s CONNECTOR 14P MALE |
| CN269 | 1-564-005-11 | o CONNECTOR 6P, MALE |
| CN271 | 1-564-011-11 | o CONNECTOR 12P, MALE |
| F1 | △1-532-777-21 | s FUSE 1.25A 125V |
| F2 | △1-532-777-21 | s FUSE 1.25A 125V |
| F3 | △1-532-777-21 | s FUSE 1.25A 125V |
| IC1 | 8-759-701-59 | s IC NJM78M09FA |
| IC2 | 8-759-982-54 | s IC RC79M09FA |

MB-470A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

MB-470A board is used for UVW-1600.

| | | |
|-------|---------------|----------------------------------|
| 1pc | A-8276-730-A | o MOUNTED CIRCUIT BOARD, MB-470A |
| 1pc | 3-683-631-01 | o CLAMP |
| C1 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C2 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| CN103 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN104 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN105 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN106 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN107 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN108 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN109 | 1-573-784-71 | o CONNECTOR, DIN 60P, FEMALE |
| CN200 | 1-564-905-11 | o CONNECTOR, VH 9P, MALE |
| CN201 | 1-564-512-11 | o CONNECTOR 9P, MALE |
| CN211 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| CN214 | 1-580-195-21 | s CONNECTOR, PHEC 100P, FEMALE |
| CN231 | 1-563-018-11 | o CONNECTOR, FPC 34P |
| CN232 | 1-563-462-11 | o CONNECTOR, FPC 17P |
| CN235 | 1-564-013-41 | s CONNECTOR 3P, MALE |
| CN262 | 1-506-494-11 | s CONNECTOR 15P, MALE |
| CN266 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| CN267 | 1-506-472-11 | s CONNECTOR 7P, MALE |
| CN268 | 1-506-479-11 | s CONNECTOR 14P MALE |
| CN269 | 1-564-005-11 | o CONNECTOR 6P, MALE |
| F1 | ▲1-532-777-21 | s FUSE 1.25A 125V |
| F2 | ▲1-532-777-21 | s FUSE 1.25A 125V |
| F3 | ▲1-532-777-21 | s FUSE 1.25A 125V |
| IC1 | 8-759-701-59 | s IC NJM78M09FA |
| IC2 | 8-759-982-54 | s IC RC79M09FA |

MB-471 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

MB-471 board is used for UVW-1800.

| | | |
|-------|--------------|---------------------------------|
| 1pc | A-8276-737-A | o MOUNTED CIRCUIT BOARD, MB-471 |
| CN110 | 1-573-598-11 | s CONNECTOR, PHEC 100P, FEMALE |
| CN111 | 1-573-598-11 | s CONNECTOR, PHEC 100P, FEMALE |
| CN112 | 1-573-598-11 | s CONNECTOR, PHEC 100P, FEMALE |
| CN251 | 1-564-524-11 | s CONNECTOR 9P, MALE |
| CN261 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| CN263 | 1-506-481-11 | s CONNECTOR 2P, MALE |
| CN264 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN265 | 1-564-013-11 | o CONNECTOR 3P, MALE |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN275 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN276 | 1-506-485-11 | s CONNECTOR 6P, MALE |
| CN277 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN278 | 1-506-489-11 | o CONNECTOR 10P, MALE |
| CN281 | 1-563-018-11 | o CONNECTOR, FPC 34P |

MB-471A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

MB-471A board is used for UVW-1600.

| | | |
|-------|--------------|----------------------------------|
| 1pc | A-8276-731-A | o MOUNTED CIRCUIT BOARD, MB-471A |
| CN110 | 1-573-598-11 | s CONNECTOR, PHEC 100P, FEMALE |
| CN111 | 1-573-598-11 | s CONNECTOR, PHEC 100P, FEMALE |
| CN251 | 1-564-524-11 | s CONNECTOR 9P, MALE |
| CN261 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| CN263 | 1-506-481-11 | s CONNECTOR 2P, MALE |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE |
| CN277 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN278 | 1-506-489-11 | o CONNECTOR 10P, MALE |
| CN281 | 1-563-018-11 | o CONNECTOR, FPC 34P |

MS-39 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

MS-39 board is used for UVW-1800.

1pc A-8275-291-A o MOUNTED CIRCUIT BOARD, MS-39
1pc 3-182-355-01 o COVER, MC SENSOR
2pcs 3-180-854-02 o COVER, MR SENSOR

C3 1-164-097-11 s CERAMIC 0.022uF 50V
C5 1-126-933-11 s ELECT 100uF 20% 16V
C6 1-164-097-11 s CERAMIC 0.022uF 50V
C11 1-126-947-11 s ELECT 47uF 20% 35V
C12 1-126-947-11 s ELECT 47uF 20% 35V

C13 1-164-097-11 s CERAMIC 0.022uF 50V
C14 1-130-728-00 s FILM 0.0022uF 1% 100V
C15 1-130-728-00 s FILM 0.0022uF 1% 100V
C16 1-164-097-11 s CERAMIC 0.022uF 50V

CN350 1-564-011-11 o CONNECTOR 12P, MALE
CN351 1-506-469-11 s CONNECTOR 4P, MALE
CN352 1-564-001-11 o CONNECTOR 2P, MALE
CN353 1-506-472-11 s CONNECTOR 7P, MALE
CN354 1-506-480-11 s CONNECTOR 15P, MALE

CN355 1-564-007-11 o CONNECTOR 8P, MALE
CN356 1-562-708-11 o CONNECTOR, FPC 13P
CN357 1-562-708-11 o CONNECTOR, FPC 13P
CN358 1-564-005-11 o CONNECTOR 6P, MALE
CN359 1-506-469-11 s CONNECTOR 4P, MALE

CN360 1-506-469-11 s CONNECTOR 4P, MALE
CN361 1-506-468-11 s CONNECTOR 3P, MALE
CN362 1-562-993-11 o CONNECTOR, FPC 30P
CN363 1-562-993-11 o CONNECTOR, FPC 30P
CN364 1-562-993-11 o CONNECTOR, FPC 30P

D1 8-719-938-07 s LED GL480, INFRARED
D2 8-719-938-07 s LED GL480, INFRARED
D3 8-719-938-07 s LED GL480, INFRARED
D4 8-719-938-07 s LED GL480, INFRARED
D7 8-719-933-30 s DIODE DA210S

D8 8-719-933-30 s DIODE DA210S
D9 8-719-933-30 s DIODE DA210S
D10 8-719-933-30 s DIODE DA210S

IC1 8-759-196-00 s IC UPD75048CW-018
IC2 8-759-600-34 s IC M54532P
IC3 8-759-645-23 s IC M54523P
IC7 8-759-189-43 s IC AN77L05-TA
IC8 8-759-507-17 s IC PQ30RV1

Q1 8-729-903-81 s PHOTOTRANSISTOR PT480
Q2 8-729-903-81 s PHOTOTRANSISTOR PT480
Q3 8-729-903-81 s PHOTOTRANSISTOR PT480
Q4 8-729-903-81 s PHOTOTRANSISTOR PT480

R2 1-249-437-11 s CARBON 47k 5% 1/4W
R3 1-249-429-11 s CARBON 10k 5% 1/4W
R5 1-249-437-11 s CARBON 47k 5% 1/4W
R6 1-249-429-11 s CARBON 10k 5% 1/4W
R7 1-249-409-11 s CARBON 220 5% 1/4W

R8 1-249-437-11 s CARBON 47k 5% 1/4W
R9 1-249-429-11 s CARBON 10k 5% 1/4W
R10 1-249-409-11 s CARBON 220 5% 1/4W
R11 1-249-437-11 s CARBON 47k 5% 1/4W
R12 1-249-429-11 s CARBON 10k 5% 1/4W

R13 1-249-409-11 s CARBON 220 5% 1/4W
R14 1-249-437-11 s CARBON 47k 5% 1/4W

(MS-39 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

R15 1-249-429-11 s CARBON 10k 5% 1/4W
R16 1-249-409-11 s CARBON 220 5% 1/4W
R17 1-249-437-11 s CARBON 47k 5% 1/4W
R18 1-249-429-11 s CARBON 10k 5% 1/4W
R19-R24 1-249-437-11 s CARBON 47k 5% 1/4W

R25-R30 1-249-429-11 s CARBON 10k 5% 1/4W
R31 1-249-437-11 s CARBON 47k 5% 1/4W
R32 1-249-437-11 s CARBON 47k 5% 1/4W
R34 1-249-417-11 s CARBON 1k 5% 1/4W
R35 1-249-417-11 s CARBON 1k 5% 1/4W

R36 1-249-417-11 s CARBON 1k 5% 1/4W
R37 1-249-417-11 s CARBON 1k 5% 1/4W
R38 1-249-437-11 s CARBON 47k 5% 1/4W
R42 1-249-429-11 s CARBON 10k 5% 1/4W
R43 1-249-429-11 s CARBON 10k 5% 1/4W

R44 1-247-895-00 s CARBON 470k 5% 1/4W
R46 1-249-437-11 s CARBON 47k 5% 1/4W
R47 1-249-429-11 s CARBON 10k 5% 1/4W
R49 1-249-437-11 s CARBON 47k 5% 1/4W
R50 1-249-429-11 s CARBON 10k 5% 1/4W

R51 1-249-429-11 s CARBON 10k 5% 1/4W
R52 1-249-429-11 s CARBON 10k 5% 1/4W
R53 1-249-429-11 s CARBON 10k 5% 1/4W
R63 1-249-429-11 s CARBON 10k 5% 1/4W
R64 1-215-432-00 s METAL 3k 1% 1/6W

R65 1-215-411-00 s METAL 390 1% 1/6W

X1 1-579-232-11 s RESONATOR CERAMIC 2.50MHz

MS-39A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

MS-39A board is used for UVW-1600.

| | | |
|---------|--------------|---------------------------------|
| 1pc | A-8275-288-A | o MOUNTED CIRCUIT BOARD, MS-39A |
| 1pc | 3-182-355-01 | o COVER, MC SENSOR |
| C3 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| C5 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C6 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| C11 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C12 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C13 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| C14 | 1-130-728-00 | s FILM 0.0022uF 1% 100V |
| C15 | 1-130-728-00 | s FILM 0.0022uF 1% 100V |
| C16 | 1-164-097-11 | s CERAMIC 0.022uF 50V |
| CN350 | 1-564-011-11 | o CONNECTOR 12P, MALE |
| CN351 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| CN352 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| CN353 | 1-506-472-11 | s CONNECTOR 7P, MALE |
| CN354 | 1-506-480-11 | s CONNECTOR 15P, MALE |
| CN355 | 1-564-007-11 | o CONNECTOR 8P, MALE |
| CN356 | 1-562-708-11 | o CONNECTOR, FPC 13P |
| CN357 | 1-562-708-11 | o CONNECTOR, FPC 13P |
| CN358 | 1-564-005-11 | o CONNECTOR 6P, MALE |
| CN359 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| CN360 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| CN361 | 1-506-468-11 | s CONNECTOR 3P, MALE |
| CN362 | 1-562-993-11 | o CONNECTOR, FPC 30P |
| CN363 | 1-562-993-11 | o CONNECTOR, FPC 30P |
| CN364 | 1-562-993-11 | o CONNECTOR, FPC 30P |
| D1 | 8-719-938-07 | s LED GL480, INFRARED |
| D2 | 8-719-938-07 | s LED GL480, INFRARED |
| D7 | 8-719-933-30 | s DIODE DA210S |
| D8 | 8-719-933-30 | s DIODE DA210S |
| D9 | 8-719-933-30 | s DIODE DA210S |
| D10 | 8-719-933-30 | s DIODE DA210S |
| IC1 | 8-759-196-00 | s IC UPD75048CW-018 |
| IC2 | 8-759-600-34 | s IC M54532P |
| IC3 | 8-759-645-23 | s IC M54523P |
| IC7 | 8-759-189-43 | s IC AN77L05-TA |
| IC8 | 8-759-507-17 | s IC PQ30RV1 |
| Q1 | 8-729-903-81 | s PHOTOTRANSISTOR PT480 |
| Q2 | 8-729-903-81 | s PHOTOTRANSISTOR PT480 |
| R2 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R3 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R5 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R6 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R7 | 1-249-409-11 | s CARBON 220 5% 1/4W |
| R8 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R9 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R10 | 1-249-409-11 | s CARBON 220 5% 1/4W |
| R11 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R12 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R14 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R15 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R17 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R18 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R19-R24 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R25-R30 | 1-249-429-11 | s CARBON 10k 5% 1/4W |

(MS-39A BOARD(UVW-1600))

Ref. No.
or Q'ty Part No. SP Description

| | | |
|-----|--------------|-----------------------------|
| R31 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R32 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R34 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R35 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R36 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R37 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R38 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R42 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R43 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R44 | 1-247-895-00 | s CARBON 470k 5% 1/4W |
| R46 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R47 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R49 | 1-249-437-11 | s CARBON 47k 5% 1/4W |
| R50 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R51 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R52 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R53 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R63 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R64 | 1-215-432-00 | s METAL 3k 1% 1/6W |
| R65 | 1-215-411-00 | s METAL 390 1% 1/6W |
| X1 | 1-579-232-11 | s RESONATOR CERAMIC 2.50MHZ |

PC-62 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

Two PC-62 boards are used in UVW-1800/1600.
One board has the following parts.

| | | |
|-------|--------------|--------------------------------|
| 1pc | 1-640-171-12 | o PRINTED CIRCUIT BOARD, PC-62 |
| 1pc | 3-176-598-02 | o SPRING, GROUND |
| CN934 | 1-565-038-11 | s CONNECTOR, FPC 5P |
| PH1 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| PH2 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| PH3 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| R1 | 1-249-414-11 | s CARBON 560 5% 1/4W |
| R2 | 1-249-414-11 | s CARBON 560 5% 1/4W |
| R3 | 1-249-414-11 | s CARBON 560 5% 1/4W |

PD-35 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

| | | |
|-------|--------------|--------------------------------|
| 1pc | 1-622-596-11 | o PRINTED CIRCUIT BOARD, PD-35 |
| CN85 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| CN854 | 1-564-005-11 | o CONNECTOR 6P, MALE |

PTC-66 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-926-11 | o PRINTED CIRCUIT BOARD, PTC-66 |
| CN944 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| PH1 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| PH2 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| R1 | 1-249-409-11 | s CARBON 220 5% 1/4W |
| R2 | 1-249-409-11 | s CARBON 220 5% 1/4W |

PTC-67 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-922-11 | o PRINTED CIRCUIT BOARD, PTC-67 |
| C1 | 1-164-096-11 | s CERAMIC 0.01uF 50V |
| CN941 | 1-506-472-11 | s CONNECTOR 7P, MALE |
| CN942 | 1-564-001-11 | o CONNECTOR 2P, MALE |
| CN943 | 1-506-481-11 | s CONNECTOR 2P, MALE |
| PH1 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| R1 | 1-249-408-11 | s CARBON 180 5% 1/4W |

PTC-68 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-927-11 | o PRINTED CIRCUIT BOARD, PTC-68 |
| CN940 | 1-506-469-11 | s CONNECTOR 4P, MALE |
| PH1 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| PH2 | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54 |
| R1 | 1-249-409-11 | s CARBON 220 5% 1/4W |
| R2 | 1-249-409-11 | s CARBON 220 5% 1/4W |

RM-126 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-924-11 | o PRINTED CIRCUIT BOARD, RM-126 |
| CN946 | 1-563-233-11 | o CONNECTOR, FPC 13P |
| CN947 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN948 | 1-564-718-11 | o CONNECTOR 2P, MALE |
| CN949 | 1-564-013-11 | o CONNECTOR 3P, MALE |

RM-127 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-925-11 | o PRINTED CIRCUIT BOARD, RM-127 |
| CN951 | 1-563-233-11 | o CONNECTOR, FPC 13P |
| CN952 | 1-564-014-11 | s CONNECTOR 4P, MALE |
| CN953 | 1-564-718-11 | o CONNECTOR 2P, MALE |
| CN954 | 1-564-013-11 | o CONNECTOR 3P, MALE |

RP-70 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

RP-70 board is used for UVW-1800.

| | | |
|------|--------------|--------------------------------|
| 1pc | A-8275-285-A | o MOUNTED CIRCUIT BOARD, RP-70 |
| 1pc | 3-182-385-01 | o PLATE, SHIELD (S), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 8-769-401-59 | s TRANSISTOR 2SK613-3 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C2 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C3 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C4 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C5 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C6 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C7 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C8 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C11 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C12 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C13 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C14 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C15 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C16 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C17 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C18 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C19 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C20 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C21 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C23 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C103 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C104 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C105 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C106 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C107 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C108 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C111 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C112 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C113 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C114 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C115 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C116 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C117 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C118 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C119 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C120 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C121 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C123 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C202 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C203 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C204 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C205 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C206 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C207 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C208 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C211 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C212 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C213 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C214 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C215 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C216 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(RP-70 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

| | | |
|----------|--------------|---------------------------------|
| C217 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C219 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C220 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C221 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C223 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C303 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C304 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C305 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C306 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C307 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C308 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C311 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C312 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C313 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C314 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C315 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C316 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C317 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C318 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C319 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C320 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C321 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C323 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C501-507 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C601 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C602 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C603 | 1-130-477-00 | s MYLAR 0.0033uF 5% 50V |
| C604 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C605 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C606 | 1-137-361-91 | s FILM 330pF 5% 50V |
| C607 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C609 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C610 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C611 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C612 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C613 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C614 | 1-130-477-00 | s MYLAR 0.0033uF 5% 50V |
| C615 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V |
| C616 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C617 | 1-137-361-91 | s FILM 330pF 5% 50V |
| C618 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C620 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C621 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C622 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C623 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C624 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C625 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C626 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C627 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C628 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C629 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C630 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C631 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C632 | 1-164-182-11 | s CERAMIC CHIP 3300pF 10% 100V |
| C635 | 1-136-562-11 | s FILM 0.0082uF 5% 630V |
| C636 | 1-131-368-00 | s TANTALUM 3.3uF 10% 16V |
| C701 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C702 | 1-126-933-11 | s ELECT 100uF 20% 16V |

(RP-70 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| C703 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C704 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C705 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C706 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C707 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C708 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C709 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C710 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C711 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C712 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C713 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C714 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C715 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C716 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C717 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C718 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C719 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C720 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C721 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C722 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C723 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C724 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C725 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C726 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C727 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C728 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C729 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C730 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C731 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C732 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| CN1 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN101 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN110 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| CN201 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN301 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| D701 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D702 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D703 | 8-719-123-85 | s DIODE 1SS304 |
| D704 | 8-719-123-85 | s DIODE 1SS304 |
| IC1 | 1-810-336-11 | s HIC BP-025 |
| IC2 | 1-810-335-11 | s HIC BP-024 |
| IC101 | 1-810-336-11 | s HIC BP-025 |
| IC102 | 1-810-335-11 | s HIC BP-024 |
| IC201 | 1-810-336-11 | s HIC BP-025 |
| IC202 | 1-810-335-11 | s HIC BP-024 |
| IC301 | 1-810-336-11 | s HIC BP-025 |
| IC302 | 1-810-335-11 | s HIC BP-024 |
| IC501 | 8-759-010-44 | s IC MC14069UBF-T2 |
| IC502 | 8-759-010-44 | s IC MC14069UBF-T2 |
| IC503 | 8-759-010-44 | s IC MC14069UBF-T2 |
| IC601 | 8-759-908-17 | s IC TL082CPS |
| IC602 | 8-759-908-17 | s IC TL082CPS |
| IC701 | 8-759-182-84 | s IC PQ05SZ5U |
| IC702 | 8-759-189-43 | s IC AN77L05-TA |
| IC703 | 8-759-168-20 | s IC TA78L09S |
| IC704 | 8-759-168-20 | s IC TA78L09S |
| IC705 | 8-759-822-95 | s IC L79M05T-FA |
| IC706 | 8-759-700-65 | s IC NJM79L05A |
| IC707 | 8-759-700-68 | s IC NJM79L09A |

(RP-70 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| IC708 | 8-759-700-68 | s IC NJM79L09A |
| L1-L5 | 1-410-482-31 | s INDUCTOR 100uH |
| L101-105 | 1-410-482-31 | s INDUCTOR 100uH |
| L201-205 | 1-410-482-31 | s INDUCTOR 100uH |
| L301-305 | 1-410-482-31 | s INDUCTOR 100uH |
| L603 | 1-412-533-21 | s INDUCTOR 47uH |
| L604 | 1-408-397-00 | s INDUCTOR 1uH |
| L605 | 1-408-397-00 | s INDUCTOR 1uH |
| L701 | 1-412-533-21 | s INDUCTOR 47uH |
| L702 | 1-412-533-21 | s INDUCTOR 47uH |
| L703 | 1-412-533-21 | s INDUCTOR 47uH |
| L704 | 1-412-533-21 | s INDUCTOR 47uH |
| Q1 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q2 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q3 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q102 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q103 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q201 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q202 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q203 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q302 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q303 | 8-729-117-72 | s TRANSISTOR 2SC4178 |
| Q501 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q601 | 8-729-119-76 | s TRANSISTOR 2SA1115P |
| Q602 | 8-729-119-78 | s TRANSISTOR 2SC2785-HFE |
| Q603 | 8-729-320-60 | s TRANSISTOR 2SD788-34 |
| Q604 | 8-729-320-60 | s TRANSISTOR 2SD788-34 |
| Q605 | 8-729-119-76 | s TRANSISTOR 2SA1115P |
| Q606 | 8-729-119-78 | s TRANSISTOR 2SC2785-HFE |
| Q607 | 8-729-320-60 | s TRANSISTOR 2SD788-34 |
| Q608 | 8-729-320-60 | s TRANSISTOR 2SD788-34 |
| Q609 | 8-729-905-18 | s TRANSISTOR DTC144EU |
| Q610 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q611 | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA) |
| Q612 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q613 | 8-729-159-65 | s TRANSISTOR 2SD596-DV5 |
| Q614 | 8-729-159-65 | s TRANSISTOR 2SD596-DV5 |
| Q615 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q616 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q617 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| R1 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R2 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R4 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R5 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R6 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R7 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R8 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R9 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R10 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R11 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R12 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R13 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R16 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R18 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R19 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R21 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R22 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |

(RP-70 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| R106 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R107 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R108 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R109 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R110 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R111 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R112 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R113 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R116 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R118 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R119 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R121 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R122 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R201 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R202 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R204 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R205 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R206 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R207 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R208 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R209 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R210 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R211 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R212 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R213 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R216 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R218 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R219 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R221 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R222 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R306 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R307 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R308 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R309 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R310 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R311 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R312 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R313 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R316 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R318 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R319 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R321 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R322 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R501 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R502 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R503 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R504 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R505 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R506 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R507 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R508 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R509 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R510 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R511 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R512 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R513 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R514 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R515 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R516 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |

(RP-70 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R517 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R518 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R519 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R601 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R602 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R603 | 1-249-402-11 | s CARBON 56 5% 1/4W |
| R604 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R605 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R606 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R607 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R608 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R609 | 1-249-402-11 | s CARBON 56 5% 1/4W |
| R610 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R611 | 1-215-403-00 | s METAL 180 1% 1/6W |
| R612 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R613 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R614 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R615 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R616 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R617 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R618 | 1-249-402-11 | s CARBON 56 5% 1/4W |
| R619 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R620 | 1-249-417-11 | s CARBON 1k 5% 1/4W |
| R621 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R622 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R623 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R624 | 1-249-402-11 | s CARBON 56 5% 1/4W |
| R625 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R626 | 1-215-403-00 | s METAL 180 1% 1/6W |
| R627 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R628 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R629 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R630 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R631 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R632 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R633 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R634 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |
| R635 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R636 | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W |
| R637 | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W |
| R639 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R640 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R641 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R642 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| RV1 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV2 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV101 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV102 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV201 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV202 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV301 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV302 | 1-241-761-11 | s RES, ADJ METAL 1k |
| S1 | 1-553-977-00 | s SWITCH, SLIDE |
| S101 | 1-553-977-00 | s SWITCH, SLIDE |
| S201 | 1-553-977-00 | s SWITCH, SLIDE |
| S301 | 1-553-977-00 | s SWITCH, SLIDE |
| T1 | 1-423-659-11 | s TRANSFORMER, RF OUTPUT |
| T2 | 1-423-658-11 | s TRANSFORMER, RF INPUT |

(RP-70 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| T101 | 1-423-659-11 | s TRANSFORMER, RF OUTPUT |
| T102 | 1-423-658-11 | s TRANSFORMER, RF INPUT |
| T201 | 1-423-659-11 | s TRANSFORMER, RF OUTPUT |
| T202 | 1-423-657-11 | s TRANSFORMER, RF INPUT |
| T301 | 1-423-659-11 | s TRANSFORMER, RF OUTPUT |
| T302 | 1-423-657-11 | s TRANSFORMER, RF INPUT |
| T601 | 1-423-656-11 | s TRANSFORMER, ROTARY ERASE |
| T602 | 1-423-656-11 | s TRANSFORMER, ROTARY ERASE |
| T603 | 1-424-511-11 | s TRANSFORMER, FE |

RP-70A BOARD(UVW-1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

RP-70A board is used for UVW-1600.

| | | |
|-------|--------------|---------------------------------|
| 1pc | A-8275-278-A | o MOUNTED CIRCUIT BOARD, RP-70A |
| 1pc | 3-182-385-01 | o PLATE, SHIELD (S), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 8-769-401-59 | s TRANSISTOR 2SK613-3 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C17 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C18 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C19 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C21 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C23 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C117 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C118 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C119 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C121 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C123 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C217 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C219 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C221 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C223 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C317 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C318 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C319 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C321 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C323 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C709 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C710 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C711 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C712 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C713 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C714 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C715 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C716 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| CN1 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN101 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN110 | 1-573-600-21 | s CONNECTOR, PHEC 100P, MALE |
| CN201 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| CN301 | 1-506-468-11 | o CONNECTOR 3P, MALE |
| D702 | 8-719-123-82 | s DIODE 1SS303-T1 |
| IC2 | 1-810-335-11 | s HIC BP-024 |
| IC102 | 1-810-335-11 | s HIC BP-024 |
| IC202 | 1-810-335-11 | s HIC BP-024 |
| IC302 | 1-810-335-11 | s HIC BP-024 |
| IC703 | 8-759-168-20 | s IC TA78L09S |
| IC704 | 8-759-168-20 | s IC TA78L09S |
| L702 | 1-412-533-21 | s INDUCTOR 47uH |
| R17 | 1-216-295-91 | s RES, CHIP 0 |
| R18 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R19 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R21 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R22 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R117 | 1-216-295-91 | s RES, CHIP 0 |
| R118 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |

(RP-70A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| R119 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R121 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R122 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R217 | 1-216-295-91 | s RES, CHIP 0 |
| R218 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R219 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R221 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R222 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R317 | 1-216-295-91 | s RES, CHIP 0 |
| R318 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W |
| R319 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R321 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R322 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R651-658 | 1-216-295-91 | s RES, CHIP 0 |
| T2 | 1-423-658-11 | s TRANSFORMER, RF INPUT |
| T102 | 1-423-658-11 | s TRANSFORMER, RF INPUT |
| T202 | 1-423-657-11 | s TRANSFORMER, RF INPUT |
| T302 | 1-423-657-11 | s TRANSFORMER, RF INPUT |

SE-207 BOARD(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

Two SE-207 boards are used in UVW-1800/1600.
One board has the following parts.

| | | |
|-------|--------------|---------------------------------|
| 1pc | 1-648-923-11 | o PRINTED CIRCUIT BOARD, SE-207 |
| CN950 | 1-565-876-11 | o CONNECTOR 4P, MALE |
| PH1 | 8-749-924-54 | s PHOTO-INTERRUPTER GP1A30R |
| R1 | 1-249-408-11 | s CARBON 180 5% 1/4W |

SS-53 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| 1pc | A-8275-284-A | o MOUNTED CIRCUIT BOARD, SS-53 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C1 | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V |
| C2 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C5-C16 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C19 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C20 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C21 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C22 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C23 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C24 | 1-126-924-11 | s ELECT 330uF 20% 10V |
| C100 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C101 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C102 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C103 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C104 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C106 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C109 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C110 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C111 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C112 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C113 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C114 | 1-126-924-11 | s ELECT 330uF 20% 10V |
| C115 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C116 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C117 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C200 | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V |
| C201 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C202-209 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C210 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C211 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C212 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C213 | 1-126-924-11 | s ELECT 330uF 20% 10V |
| C214 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C215-230 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C232 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C233 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C234 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C235 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C236 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C237 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C238 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C239 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C240 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C241 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C242 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C243 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C245 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C246 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C247 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C248 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C249 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C251-269 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C270-275 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C276 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C277 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C278 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |

(SS-53 BOARD(UVW-1800/1600))

(SS-53 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C279 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C400 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C401 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C402 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C403 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C404 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C405 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C406 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C407 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C408 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C409 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C410 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C411 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C412 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| CN1 | 1-506-484-11 | s CONNECTOR 5P, MALE |
| CN2 | 1-506-481-11 | s CONNECTOR 2P, MALE |
| CN3 | 1-560-369-00 | o CONNECTOR, IIG 8P, MALE |
| CN107 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN108 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN109 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN14 | 1-251-102-11 | o SOCKET, IC 32P |
| CN1212 | 1-251-102-11 | o SOCKET, IC 32P |
| CV1 | 1-141-389-11 | s CAP, TRIMMER 50pF |
| D100-105 | 8-719-941-23 | s DIODE DA204U |
| D200-208 | 8-719-941-23 | s DIODE DA204U |
| D210 | 8-719-938-72 | s DIODE SB01-05CP |
| D211 | 8-719-941-23 | s DIODE DA204U |
| D213 | 8-719-941-23 | s DIODE DA204U |
| D214 | 8-719-941-23 | s DIODE DA204U |
| D215 | 8-719-941-23 | s DIODE DA204U |
| IC1 | 8-759-151-97 | s IC UPD70320GJ-8-5BG |
| IC2 | 8-759-043-34 | s IC CXD8310M |
| IC3 | 8-759-507-51 | s IC MS6264CLL-10FC-EF |
| IC4 | 8-759-252-00 | o IC C010-UVW1000SY-V100, EPROM |
| IC5 | 8-759-095-41 | s IC CXD8176AQ |
| IC6 | 8-759-054-54 | s IC SRM2016M10 |
| IC7 | 8-759-632-39 | s IC M51958A |
| IC8 | 8-759-061-67 | s IC MC34051M |
| IC9 | 8-759-926-77 | s IC SN74HC541NS |
| IC10 | 8-759-925-74 | s IC TC74HC04NS |
| IC11 | 8-759-925-85 | s IC SN74HC32NS |
| IC12 | 8-759-925-90 | s IC SN74HC74NS |
| IC15 | 8-759-192-25 | s IC UPD6453GT-635-E2 |
| IC100 | 8-759-175-77 | s IC CXD8384Q |
| IC101 | 8-759-100-96 | s IC UPC4558G2 |
| IC102 | 8-759-925-05 | s IC LM2903PS |
| IC103 | 8-759-700-45 | s IC NJM4556M-A |
| IC200 | 8-759-300-71 | s IC HD14053BFP |
| IC201 | 8-759-100-94 | s IC UPC358G2 |
| IC202 | 8-759-192-26 | s IC HD6435348RA00F |
| IC203 | 8-759-925-76 | s IC SN74HC08NS |
| IC204 | 8-759-925-74 | s IC TC74HC04NS |
| IC206 | 8-759-925-83 | s IC SN74HC27ANS |
| IC207 | 8-759-925-79 | s IC SN74HC11ANS |
| IC208 | 8-759-926-11 | s IC SN74HC138NS |
| IC209 | 8-759-925-85 | s IC SN74HC32NS |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|---------------------------------|
| IC210 | 8-759-925-76 | s IC SN74HC08NS |
| IC211 | 8-759-938-68 | s IC CXD1095Q |
| IC212 | 8-759-252-01 | o IC C020-UVW1000SV-V100, EPROM |
| IC213 | 8-759-507-51 | s IC MS6264CLL-10FC-EF |
| IC214 | 8-759-300-71 | s IC HD14053BFP |
| IC215 | 8-759-300-71 | s IC HD14053BFP |
| IC216 | 8-759-925-05 | s IC LM2903PS |
| IC217 | 8-759-925-97 | s IC SN74HC86ANS |
| IC219 | 8-752-343-05 | s IC CXD2202Q |
| IC220 | 8-759-100-95 | s IC UPC324G2 |
| IC221 | 8-759-300-71 | s IC HD14053BFP |
| IC222 | 8-759-100-95 | s IC UPC324G2 |
| IC223 | 8-759-106-02 | s IC UPC4570G2 |
| IC224 | 8-759-141-05 | s IC UPC4574G2 |
| IC225 | 8-759-106-02 | s IC UPC4570G2 |
| IC226 | 8-759-938-68 | s IC CXD1095Q |
| IC227 | 8-759-913-99 | s IC MB88201-173N |
| IC228 | 8-759-927-29 | s IC SN74HC04ANS |
| IC229 | 8-759-977-80 | s IC MB88342PF |
| IC230 | 8-759-925-05 | s IC LM2903PS |
| IC231 | 8-759-106-02 | s IC UPC4570G2 |
| IC232 | 8-759-925-05 | s IC LM2903PS |
| IC233 | 8-759-106-02 | s IC UPC4570G2 |
| L1 | 1-408-411-00 | s INDUCTOR 15uH |
| L200 | 1-412-533-21 | s INDUCTOR 47uH |
| L201 | 1-412-533-21 | s INDUCTOR 47uH |
| PS1 | ▲1-532-637-00 | s LINK, IC 1.0A |
| PS2 | ▲1-532-637-00 | s LINK, IC 1.0A |
| Q105 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q106 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q107 | 8-729-905-12 | s TRANSISTOR DTA144EU |
| Q108 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q204-209 | 8-729-905-18 | s TRANSISTOR DTC144EU |
| Q210 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q211 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| R1 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R2 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R3 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R4 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R5 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R6 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R7 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R9 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R11 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R12 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R14 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R24 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R26 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R27 | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W |
| R31 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R33 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R35 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R36-R41 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R43 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R45 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R47 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R49 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |

(SS-53 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R51 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R55 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R56 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R57 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R61 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R62 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R63 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R64 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R65 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R66 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R67 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R68 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R69 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R100 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R101 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R102 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R103 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R104 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R105 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R106 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R107 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R108 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R109 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R110 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R111 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R112 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R128 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R129 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R130 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R131 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R132 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R133 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R134 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R135 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R136 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R137 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R138 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R139 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R140 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W |
| R141 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R142 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R145 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R146 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R149 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R150 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R151 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R200 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R201 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R202 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R203 | 1-218-764-11 | s METAL 330k 0.5% 1/10W |
| R204-213 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R214 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R215 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R216 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R217 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R218 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R219 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R220 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R221 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |

(SS-53 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R222 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R223 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R224 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R225 | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R227 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R228 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R229 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R231 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R232 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R233 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R234 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R235 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R236 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R237 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R238 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R239 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R240 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R241 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R242 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R243 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R244 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R245 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R254 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R255 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R256 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R257 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R258 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R260 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R261 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R262 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R263 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R264 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R265 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R268 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R269 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R275 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R276 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R277 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R281 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R282 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R283 | 1-220-221-11 | s METAL, CHIP 100 5% 1/2W |
| R284 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R285 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R286 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R287 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R288 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R289 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R290 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R291 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R292 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R294 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R295 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R297 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R298 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R299 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R300 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R302 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R303 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R304 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |

(SS-53 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| R306 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R307 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R309 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R310 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R311 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R312 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R313 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R314 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R315 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R316 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R317 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R318 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R319 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R320 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R321 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R322 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R323 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R324 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R325 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R326-331 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R332 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R333 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R334 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R335 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R336 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R337 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R338 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R339 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R340 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R341 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R342 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R343 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R344 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R345 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R346-350 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R351 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R352 | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W |
| R353-381 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R382 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R383 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R385 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R386 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R387 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R388 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R389 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R390 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R391 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R392 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R393 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R394 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R395 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R396 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R397 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R398 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R399 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R400 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R401 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R402 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R403 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |

(SS-53 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R404 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R405 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R406 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R407 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W |
| R408 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W |
| R409 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R410 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R411 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R412 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R413 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R414 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R415 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R416 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R417 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W |
| R418 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W |
| R419 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R420 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R421 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R422 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R423 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| RB1 | 1-239-464-11 | s RESISTOR BLOCK, CHIP 2.2kx8 |
| RB2 | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47kx8 |
| RB201 | 1-239-464-11 | s RESISTOR BLOCK, CHIP 2.2kx8 |
| RB202 | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100kx8 |
| RB203 | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10kx8 |
| S1 | 1-692-535-11 | s SWITCH, DIP 4-CKT |
| S201 | 1-692-536-11 | s SWITCH, DIP 8-CKT |
| X1 | 1-579-930-12 | s RESONATOR CERAMIC 16.00MHz |
| X101 | 1-579-993-21 | s CRYSTAL 13.50MHz |
| X200 | 1-579-996-11 | s RESONATOR CERAMIC 20.00MHz |

TBC-25 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | A-8275-282-A | o MOUNTED CIRCUIT BOARD, TBC-25 |
| 1pc | 3-182-386-01 | o PLATE, SHIELD (L), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| 2pcs | 1-750-484-11 | s BUS-BAR |
| C1 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C2 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C3 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C4 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C5 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C6 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C7 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C8 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C9 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C10 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C11 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C12 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C13 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C14 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C15 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C16-C21 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C22 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C100 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C101 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C102 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C103 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C104 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C105 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C106 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C107 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C108 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C109 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C110 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C111 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C112 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C113 | 1-126-934-11 | s ELECT 220uF 20% 16V |
| C114 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C115 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C116 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C117 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C118 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C200 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C201 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C202 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C203 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C204 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C205 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C206 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C207 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C208 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C209 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C210 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C211 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C212 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C213 | 1-126-934-11 | s ELECT 220uF 20% 16V |
| C214 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C215 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C216 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C300 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C301 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C302 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C303 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C305 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C306 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C307 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C308 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C309 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C310 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C311 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C312-316 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C317 | 1-126-963-11 | s ELECT 4.7uF 20% 50V |
| C318 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C319 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C320 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C321 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C322 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C324 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C325 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C326 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C327 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C328 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C329 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C330 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C331 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C332 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C333 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C334 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C335 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C336 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C337 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C338 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C339 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C340 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C341 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C342 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C344 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C345 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C347 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C350 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C351 | 1-164-222-11 | s CERAMIC 0.22uF 25V |
| C352 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C353 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C355 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C356 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C357 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C359 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C360 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C361 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C362 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C363 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C364 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C400 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C401 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C402 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C404 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(TBC-25 BOARD(UVW-1800/1600))

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C405 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C406 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C407 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C408 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C409 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C410 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C411 | 1-163-106-00 | s CERAMIC 36pF 5% 50V |
| C412 | 1-163-120-00 | s CERAMIC 130pF 5% 50V |
| C413 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C414-419 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C420 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C421 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C422 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C423 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C424 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C425 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C426 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C427 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C428 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C429 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C430 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C431 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C432 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C433 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C434 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C435 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C436 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C437 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C438 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C439 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C440 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C441 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C443 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C444 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C445 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C446 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C447 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C448 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C449 | 1-164-222-11 | s CERAMIC 0.22uF 25V |
| C450 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C451 | 1-124-925-11 | s ELECT 2.2uF 20% 100V |
| C452 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C454 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C455 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C456 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C457 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C458 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C459 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C461 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C462 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C501 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C502 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C503 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C504 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C505 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C506 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C507 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C508 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C509 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| C510 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C511 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C512 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C513 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C514 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C515-523 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C524 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C525 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C526 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C527 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C528 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C529 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C530 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C531 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C532 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C533 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C534 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C535 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C536 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C537 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C538 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C539 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C540 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C541 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C542 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C543 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C544 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C545 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C546 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C547-553 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C700 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C701 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C702 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C703 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C704 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C705 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C706 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C707 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C708 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C709-715 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C716 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C717 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C718 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C719 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C720 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V |
| C721 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C722 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C723-728 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C729 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C730 | 1-126-947-11 | s ELECT 47uF 20% 35V |
| C731 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C732 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C733 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C734 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C735 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C736 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C737 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C738 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C739 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------------|
| C740 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C741 | 1-131-347-00 s | TANTALUM 1uF 10% 35V |
| C742 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C743 | 1-131-363-00 s | TANTALUM 4.7uF 10% 20V |
| C744 | 1-164-232-11 s | CERAMIC 0.01uF 10% 100V |
| C746 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C747 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C748 | 1-163-106-00 s | CERAMIC, CHIP 36pF 5% 50V |
| C749 | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V |
| C750 | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V |
| C751 | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V |
| C752 | 1-164-232-11 s | CERAMIC 0.01uF 10% 100V |
| C753 | 1-164-232-11 s | CERAMIC 0.01uF 10% 100V |
| C754 | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V |
| C755 | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V |
| C756 | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C757 | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C758 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C759 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C760 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C761 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C762 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C763 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C764 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C765 | 1-124-903-11 s | ELECT 1uF 20% 50V |
| C766 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C767 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C768 | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V |
| C769 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C770 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C771 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C772 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C773 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C774 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C775 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V |
| C776 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C777 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C778 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C779 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C780 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C781 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C782 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C783 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C784 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C785 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C786 | 1-163-097-00 s | CERAMIC, CHIP 15pF 5% 50V |
| C787 | 1-163-125-00 s | CERAMIC, CHIP 220pF 5% 50V |
| C788 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C789 | 1-126-964-11 s | ELECT 10uF 20% 50V |
| C790 | 1-126-964-11 s | ELECT 10uF 20% 50V |
| C791 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C792 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C793 | 1-126-947-11 s | ELECT 47uF 20% 35V |
| C794 | 1-124-903-11 s | ELECT 1uF 20% 50V |
| C795 | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V |
| C796 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C797 | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C798 | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C799 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|----------------------------|
| C800 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C801 | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V |
| C802 | 1-163-033-00 s | CERAMIC, CHIP 0.022uF 50V |
| C803 | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V |
| C804 | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V |
| CN1 | 1-564-005-11 o | CONNECTOR 6P, MALE |
| CN2 | 1-564-005-11 o | CONNECTOR 6P, MALE |
| CN105 | 1-573-782-21 o | CONNECTOR, PHEC 60P, MALE |
| CN106 | 1-573-782-21 o | CONNECTOR, PHEC 60P, MALE |
| CV700 | 1-141-304-21 s | CAP, TRIMMER 10pF |
| CV701 | 1-141-304-21 s | CAP, TRIMMER 10pF |
| D1 | 8-719-941-04 s | DIODE SB007-03CP |
| D2 | 8-719-941-04 s | DIODE SB007-03CP |
| D100 | 8-719-941-23 s | DIODE DA204U |
| D101 | 8-719-123-82 s | DIODE 1SS303-T1 |
| D102 | 8-719-123-85 s | DIODE 1SS304 |
| D200 | 8-719-941-23 s | DIODE DA204U |
| D301 | 8-719-941-23 s | DIODE DA204U |
| D302 | 8-719-105-38 s | DIODE RD3.0M-B1 |
| D303 | 8-719-041-39 s | DIODE KV1470 |
| D304 | 8-719-041-39 s | DIODE KV1470 |
| D401 | 8-719-941-23 s | DIODE DA204U |
| D402 | 8-719-105-38 s | DIODE RD3.0M-B1 |
| D403 | 8-719-041-39 s | DIODE KV1470 |
| D404 | 8-719-041-39 s | DIODE KV1470 |
| D502 | 8-719-123-82 s | DIODE 1SS303-T1 |
| D503 | 8-719-123-82 s | DIODE 1SS303-T1 |
| D504 | 8-719-941-23 s | DIODE DA204U |
| D505 | 8-719-123-85 s | DIODE 1SS304 |
| D506 | 8-719-123-85 s | DIODE 1SS304 |
| D701 | 8-719-123-82 s | DIODE 1SS303-T1 |
| D702 | 8-713-300-88 s | DIODE 1T33C-01 |
| D703 | 8-713-300-88 s | DIODE 1T33C-01 |
| FL500 | 1-239-769-11 s | FILTER, LOW-PASS 5MHz |
| FL501 | 1-239-767-11 s | FILTER, LOW-PASS 2MHz |
| FL502 | 1-239-767-11 s | FILTER, LOW-PASS 2MHz |
| IC1 | 8-759-168-20 s | IC TA78L09S |
| IC2 | 8-759-168-20 s | IC TA78L09S |
| IC3 | 8-759-822-95 s | IC L79M05T-FA |
| IC4 | 8-759-822-95 s | IC L79M05T-FA |
| IC5 | 8-759-182-84 s | IC PQ05SZ5U |
| IC6 | 8-759-182-84 s | IC PQ05SZ5U |
| IC7 | 8-759-182-84 s | IC PQ05SZ5U |
| IC100 | 8-759-030-74 s | IC SC14S66FEL |
| IC101 | 8-759-908-17 s | IC TL082CPS |
| IC102 | 8-759-908-15 s | IC TL431CLP |
| IC103 | 8-752-334-55 s | IC CXD1175M |
| IC200 | 8-759-030-74 s | IC SC14S66FEL |
| IC203 | 8-752-334-55 s | IC CXD1175M |
| IC300 | 8-759-702-08 s | IC NJM360M |
| IC301 | 8-752-339-03 s | IC CXD2207Q |
| IC302 | 8-759-300-71 s | IC HD14053BFP |
| IC303 | 8-759-100-96 s | IC UPC4558G2 |
| IC304 | 8-759-100-96 s | IC UPC4558G2 |
| IC305 | 8-759-194-31 s | IC MB4002PF-ER |
| IC306 | 8-759-907-81 s | IC SN74LS221NS |
| IC307 | 8-759-991-85 s | IC 74F00SJ |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|------------------|
| IC308 | 8-759-030-74 s | IC SC14S66FEL |
| IC400 | 8-759-702-08 s | IC NJM360M |
| IC401 | 8-752-339-03 s | IC CXD2207Q |
| IC402 | 8-759-100-96 s | IC UPC4558G2 |
| IC403 | 8-759-100-96 s | IC UPC4558G2 |
| IC404 | 8-759-194-31 s | IC MB4002PF-ER |
| IC405 | 8-759-907-81 s | IC SN74LS221NS |
| IC406 | 8-759-926-24 s | IC SN74HC164NS |
| IC407 | 8-759-991-85 s | IC 74F00SJ |
| IC408 | 8-759-030-74 s | IC SC14S66FEL |
| IC501 | 8-752-362-70 s | IC CXD101-106Q |
| IC502 | 8-752-362-70 s | IC CXD101-106Q |
| IC503 | 8-759-055-71 s | IC CXD8313Q |
| IC504 | 8-759-055-71 s | IC CXD8313Q |
| IC505 | 8-752-340-52 s | IC CXK48324Q |
| IC506 | 8-759-927-02 s | IC SN74HC7266NS |
| IC507 | 8-759-147-05 s | IC UPD42101G-3 |
| IC508 | 8-752-340-52 s | IC CXK48324Q |
| IC509 | 8-759-927-46 s | IC SN74HC00NS |
| IC510 | 8-759-926-77 s | IC SN74HC541NS |
| IC511 | 8-759-925-78 s | IC SN74HC10NS |
| IC512 | 8-759-926-18 s | IC SN74HC157ANS |
| IC513 | 8-759-926-18 s | IC SN74HC157ANS |
| IC514 | 8-759-239-55 s | IC TC74HC123AF |
| IC515 | 8-759-100-96 s | IC UPC4558G2 |
| IC516 | 8-759-100-96 s | IC UPC4558G2 |
| IC517 | 8-759-100-96 s | IC UPC4558G2 |
| IC518 | 8-752-352-34 s | IC CXD1171M-1 |
| IC519 | 8-752-352-34 s | IC CXD1171M-1 |
| IC520 | 8-752-352-34 s | IC CXD1171M-1 |
| IC521 | 8-752-052-77 s | IC CXA1450M |
| IC522 | 8-759-926-24 s | IC SN74HC164NS |
| IC523 | 8-759-925-85 s | IC SN74HC32NS |
| IC524 | 8-759-926-18 s | IC SN74HC157ANS |
| IC525 | 8-759-926-18 s | IC SN74HC157ANS |
| IC526 | 8-759-926-18 s | IC SN74HC157ANS |
| IC527 | 8-759-926-18 s | IC SN74HC157ANS |
| IC528 | 8-759-925-90 s | IC SN74HC74NS |
| IC529 | 8-759-926-27 s | IC SN74HC173NS |
| IC530 | 8-759-926-27 s | IC SN74HC173NS |
| IC531 | 8-759-926-27 s | IC SN74HC173NS |
| IC532 | 8-759-926-27 s | IC SN74HC173NS |
| IC533 | 8-759-031-84 s | IC TC7S04F |
| IC534 | 8-759-926-56 s | IC SN74HC273NS |
| IC700 | 8-759-300-71 s | IC HD14053BFP |
| IC701 | 8-759-908-17 s | IC TL082CPS |
| IC702 | 8-759-009-05 s | IC MC14051BF |
| IC703 | 8-759-987-27 s | IC LM1881M |
| IC704 | 8-759-100-96 s | IC UPC4558G2 |
| IC705 | 8-759-908-17 s | IC TL082CPS |
| IC706 | 8-759-702-08 s | IC NJM360M |
| IC707 | 8-759-100-96 s | IC UPC4558G2 |
| IC708 | 8-759-908-15 s | IC TL431CLP |
| IC709 | 8-759-980-04 s | IC LM311PS |
| IC710 | 8-759-239-55 s | IC TC74HC123AF |
| IC711 | 8-759-925-74 s | IC TC74HC04NS |
| IC712 | 8-759-250-81 s | IC TC5081AP |
| IC713 | 8-752-335-47 s | IC CXD1216M |
| IC714 | 8-759-196-23 s | IC MC68HC705C8FU |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| IC715 | 8-759-300-71 s | IC HD14053BFP |
| IC716 | 8-759-925-76 s | IC SN74HC08NS |
| IC717 | 8-759-241-03 s | IC TC74HC191AF |
| IC718 | 8-759-031-84 s | IC TC7S04F |
| IC719 | 8-759-031-84 s | IC TC7S04F |
| IC720 | 8-759-925-90 s | IC SN74HC74NS |
| IC721 | 8-759-239-55 s | IC TC74HC123AF |
| IC722 | 8-759-519-49 s | IC CXD8165Q |
| IC723 | 8-752-334-64 s | IC CXD1171M |
| IC724 | 8-752-334-64 s | IC CXD1171M |
| IC725 | 8-752-052-77 s | IC CXA1450M |
| IC726 | 8-759-908-17 s | IC TL082CPS |
| IC727 | 8-759-239-55 s | IC TC74HC123AF |
| L1-L5 | 1-412-533-21 s | INDUCTOR 47uH |
| L100 | 1-410-478-11 s | INDUCTOR 47uH |
| L101 | 1-410-476-11 s | INDUCTOR 33uH |
| L102 | 1-410-478-11 s | INDUCTOR 47uH |
| L103 | 1-410-478-11 s | INDUCTOR 47uH |
| L200 | 1-410-478-11 s | INDUCTOR 47uH |
| L201 | 1-410-476-11 s | INDUCTOR 33uH |
| L202 | 1-410-478-11 s | INDUCTOR 47uH |
| L203 | 1-410-478-11 s | INDUCTOR 47uH |
| L300 | 1-410-478-11 s | INDUCTOR 47uH |
| L301 | 1-410-478-11 s | INDUCTOR 47uH |
| L302 | 1-408-427-00 s | INDUCTOR 330uH |
| L303 | 1-410-492-11 s | INDUCTOR 680uH |
| L304 | 1-408-419-00 s | INDUCTOR 68uH |
| L305 | 1-410-478-11 s | INDUCTOR 47uH |
| L306 | 1-410-478-11 s | INDUCTOR 47uH |
| L307 | 1-408-406-00 s | INDUCTOR 5.6uH |
| L400 | 1-410-478-11 s | INDUCTOR 47uH |
| L401 | 1-410-478-11 s | INDUCTOR 47uH |
| L402 | 1-408-411-00 s | INDUCTOR 15uH |
| L403 | 1-410-476-11 s | INDUCTOR 33uH |
| L404 | 1-410-482-31 s | INDUCTOR 100uH |
| L405 | 1-408-425-00 s | INDUCTOR 220uH |
| L406 | 1-408-416-00 s | INDUCTOR 39uH |
| L407 | 1-410-478-11 s | INDUCTOR 47uH |
| L408 | 1-410-478-11 s | INDUCTOR 47uH |
| L500-504 | 1-410-478-11 s | INDUCTOR 47uH |
| L700 | 1-410-482-31 s | INDUCTOR 100uH |
| L701 | 1-408-419-00 s | INDUCTOR 68uH |
| L702-709 | 1-410-478-11 s | INDUCTOR 47uH |
| LV300 | 1-406-746-11 s | INDUCTOR, VAR 22uH |
| LV400 | 1-406-745-11 s | INDUCTOR, VAR 6.8uH |
| Q100 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q101 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q102 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q103 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q104 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q200 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q201 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q202 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q203 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q300 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q301 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q302 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q303 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| Q304 | 8-729-140-47 | s TRANSISTOR 2SC3735-B34 |
| Q305 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q306 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q400 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q401 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q402 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q403 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q404 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q405 | 8-729-140-47 | s TRANSISTOR 2SC3735-B34 |
| Q406 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q407 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q500 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q501 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q502 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q503 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q700 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q701 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q702 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q703 | 8-729-201-27 | s TRANSISTOR 2SC2715-Y |
| Q704 | 8-729-201-27 | s TRANSISTOR 2SC2715-Y |
| Q705 | 8-729-140-47 | s TRANSISTOR 2SC3735-B34 |
| Q706 | 8-729-140-47 | s TRANSISTOR 2SC3735-B34 |
| Q707-711 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| R100 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R101 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R102 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R103 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R104 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R105 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R106 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R107 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R109 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R110 | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W |
| R111 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R112 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R113 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R114 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R115 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R116 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R117 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R118 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R119 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R120 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R121 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R122 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R123 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R200 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R201 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R202 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R203 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R204 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R205 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R206 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R207 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R208 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R209 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R210 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R211 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R212 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R213 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R214 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R215 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R222 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R223 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R301 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R302 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R303 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R304 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R305 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R306 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R307 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R308 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R309 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R310 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R311 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R312 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R313 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R314 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R315 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R316 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R317 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R318 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R319 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R320 | 1-216-295-91 | s RES, CHIP 0 |
| R321 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R322 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R323 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R324 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R325 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R326 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R328 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R329 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R330 | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W |
| R331 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R332 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R333 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R334 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R335 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R336 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R337 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R338 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R339 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R340 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R341 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R342 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R343 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R344 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R345 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R346 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R348 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R350 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R352 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R353 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R354 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R358 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R360 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R361 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R363 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R367 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R369 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R371 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R372 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R373 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R374 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R375 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R376 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R380 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R400 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R401 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R402 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R403 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R404 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R405 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R406 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R407 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R408 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R409 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R410 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R411 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R412 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R413 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R414 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R415 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R416 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R417 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R418 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R419 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R420 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R421 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R422 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R423 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R424 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R425 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R426 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R427 | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W |
| R428 | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |
| R429 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R430 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R431 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R432 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R433 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R434 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R435 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R436 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R437 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R438 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R439 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R440 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R441 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R442 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R443 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R444 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R445 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R446 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R447 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R448 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R449 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R450 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R451 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R452 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R453 | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R454 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R455 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R456 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R457 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R458 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R459 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R460 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R461 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R462 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R463 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R464 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R468 | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W |
| R469 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R500-506 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R507 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R508-512 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R513 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R514 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R515 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R516 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R540 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R541 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R542 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R543 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R545 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R546 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R547 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R548 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R549 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R550 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R551 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R552 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R553 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R554 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W |
| R555 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R556 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R557 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R558 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R559 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R560 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R561 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R562 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R563 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R564 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R565 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R566 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R567 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R568 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R569 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R570 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R571 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R572 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R573 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R574 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R575 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R576 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R577 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R578 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R579 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R580 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R581 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R582 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R583 | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W |
| R584 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R585 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R586 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R587 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R588 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R589 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R590 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R591 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R592 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R593 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R595 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R596 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R598 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R700 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R701 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R702 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R703 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R704 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R705 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R706 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R707 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R708 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R709 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R710 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R711 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R712 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R713 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R714 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R715 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R716 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R717 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R718 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R719 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R720 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R721 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R722 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R723 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R724 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R725 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R726 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R727 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R728 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R729 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R730 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R731 | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W |
| R732 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R733 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R734 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R735 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R736 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R737 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R738 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R739 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R740 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R741 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R742 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R743 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R744 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R745 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R746 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R747 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R748 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R750 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R751 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R753 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R755 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R756 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R757 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R758 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R759 | 1-216-295-91 | s RES, CHIP 0 |
| R760 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R761 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R762 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R763 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R764 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R765 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R766 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R767 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R768 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R769 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R770 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R771 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R772 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R773 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R774 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R775 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R776 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R777 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R778 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R780 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R781 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R782 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R783 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R784 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R785 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R786 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R787 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R788 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R789 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R790 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R791 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R792 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R793 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R794 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R795-799 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R800 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R801 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R802-807 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |

(TBC-25 BOARD(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R808 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R810 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R811 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R812 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R813 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R814 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R815 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R816 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R817 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R818 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R819 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R820 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R821 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |
| R822 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R823 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R824 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R825 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R826 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R827 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R828 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R829 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R830 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R831 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R832 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R833 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R834 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R835 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R836 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R837 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R838 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| RV100 | 1-241-758-21 | s RES, ADJ METAL 100 |
| RV200 | 1-241-758-21 | s RES, ADJ METAL 100 |
| RV300 | 1-241-786-11 | s RES, ADJ METAL 22k |
| RV301 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV400 | 1-241-786-11 | s RES, ADJ METAL 22k |
| RV401 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV500 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV501 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV502 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV700 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV701 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV702 | 1-241-786-11 | s RES, ADJ METAL 22k |
| RV703 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| S500 | 1-692-535-11 | s SWITCH, DIP 4-CKT |
| TH400 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| X700 | 1-527-722-00 | s CRYSTAL 14.31818MHz |
| X701 | 1-579-459-11 | s CRYSTAL 13.5MHz |

TR-84 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| 1pc | 1-648-921-11 | o PRINTED CIRCUIT BOARD, TR-84 |
| 1pc | 3-182-257-01 | s HOLDER, DME |
| CN945 | 1-565-876-11 | o CONNECTOR 4P, MALE |
| IC1 | 8-745-001-07 | s DME DM-230-1 |

VP-43 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

VP-43 board is used for UVW-1800.

| | | | |
|----------|--------------|---|---------------------------------|
| 1pc | A-8275-281-A | o | MOUNTED CIRCUIT BOARD, VP-43 |
| 1pc | 3-182-386-01 | o | PLATE, SHIELD (L), CARD |
| 1pc | 7-621-759-45 | s | SCREW, +PSW2.6x6 |
| 1pc | 3-179-084-01 | s | LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s | LEVER (L), PC BOARD |
| C101 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C102 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C103 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V |
| C104 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C105 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C106 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C107 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C108 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C109 | 1-163-108-00 | s | CERAMIC, CHIP 43pF 5% 50V |
| C110 | 1-163-115-00 | s | CERAMIC, CHIP 82pF 5% 50V |
| C111 | 1-163-108-00 | s | CERAMIC, CHIP 43pF 5% 50V |
| C112 | 1-124-903-11 | s | ELECT 1uF 20% 50V |
| C113 | 1-124-903-11 | s | ELECT 1uF 20% 50V |
| C114 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V |
| C115 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C116 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C117 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C118 | 1-163-245-11 | s | CERAMIC 56pF 5% 50V |
| C119 | 1-163-235-11 | s | CERAMIC, CHIP 22pF 5% 50V |
| C120-127 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C128 | 1-163-133-00 | s | CERAMIC, CHIP 470pF 5% 50V |
| C129 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C130 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C131 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C132 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C133 | 1-163-113-00 | s | CERAMIC, CHIP 68pF 5% 50V |
| C134-142 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C143 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C144 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C145 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C146 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C147 | 1-163-097-00 | s | CERAMIC, CHIP 15pF 5% 50V |
| C148 | 1-163-241-11 | s | CERAMIC, CHIP 39pF 5% 50V |
| C149 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C150 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C201-212 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C213 | 1-163-222-11 | s | CERAMIC, CHIP 5pF 50V |
| C214 | 1-163-222-11 | s | CERAMIC, CHIP 5pF 50V |
| C215 | 1-126-925-11 | s | ELECT 470uF 20% 10V |
| C216 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C217 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C219 | 1-163-227-11 | s | CERAMIC, CHIP 10pF 5% 50V |
| C220 | 1-164-161-11 | s | CERAMIC, CHIP 0.0022uF 10% 100V |
| C221 | 1-163-091-00 | s | CERAMIC, CHIP 8pF 50V |
| C222 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C223 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C224 | 1-126-925-11 | s | ELECT 470uF 20% 10V |
| C225 | 1-126-925-11 | s | ELECT 470uF 20% 10V |
| C226-230 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C231 | 1-126-925-11 | s | ELECT 470uF 20% 10V |
| C232 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |

(VP-43 BOARD(UVW-1800))

Ref. No.
or Q'ty Part No. SP Description

| | | | |
|----------|--------------|---|------------------------------|
| C234 | 1-107-552-21 | s | MICA, CHIP 150pF 1% 50V |
| C235 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C236 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C237 | 1-126-963-11 | s | ELECT 4.7uF 20% 50V |
| C238 | 1-163-235-11 | s | CERAMIC, CHIP 22pF 5% 50V |
| C239 | 1-163-114-00 | s | CERAMIC, CHIP 75pF 5% 50V |
| C240 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C241 | 1-163-243-11 | s | CERAMIC, CHIP 47pF 5% 50V |
| C242 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C243 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C244 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C245 | 1-126-925-11 | s | ELECT 470uF 20% 10V |
| C246 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C247 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C248 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C249 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C250 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C251 | 1-126-964-11 | s | ELECT 10uF 20% 50V |
| C301 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C302 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C303 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V |
| C304 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C305 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C306 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C307 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C308 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C309 | 1-163-110-00 | s | CERAMIC, CHIP 51pF 5% 50V |
| C310 | 1-163-251-11 | s | CERAMIC, CHIP 100pF 5% 50V |
| C311 | 1-163-110-00 | s | CERAMIC, CHIP 51pF 5% 50V |
| C312 | 1-124-903-11 | s | ELECT 1uF 20% 50V |
| C313 | 1-124-903-11 | s | ELECT 1uF 20% 50V |
| C314 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V |
| C315 | 1-163-135-00 | s | CERAMIC, CHIP 560pF 5% 50V |
| C316 | 1-163-257-11 | s | CERAMIC, CHIP 180pF 5% 50V |
| C317 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C318 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C319 | 1-163-243-11 | s | CERAMIC, CHIP 47pF 5% 50V |
| C320 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C321 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C322 | 1-163-235-11 | s | CERAMIC, CHIP 22pF 5% 50V |
| C323 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C324 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C325 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C326 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C327 | 1-163-133-00 | s | CERAMIC, CHIP 470pF 5% 50V |
| C328 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C329 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C330 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C331 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C332 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C333 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C334 | 1-163-253-11 | s | CERAMIC, CHIP 120pF 5% 50V |
| C335-339 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C340 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C341 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C342 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C343 | 1-126-933-11 | s | ELECT 100uF 20% 16V |
| C344 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |
| C345 | 1-163-033-00 | s | CERAMIC, CHIP 0.022uF 50V |

(VP-43 BOARD(UVW-1800))

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| C346 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C347 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C348 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C349 | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V |
| C350 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C351 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C401-408 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C409 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C410 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C411 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C412 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C413 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C414 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C415 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C416 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C417 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C418 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C419 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C420 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C421-425 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C426 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C427 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C428 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C429 | 1-163-084-00 | s CERAMIC, CHIP 1.5pF 50V |
| C430 | 1-107-552-21 | s MICA, CHIP 150pF 1% 50V |
| C431 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C432 | 1-126-963-11 | s ELECT 4.7uF 20% 50V |
| C433 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C434 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C435 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C436 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C437 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C438 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C439 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C440 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C441 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C442 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C443 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C501 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C502 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C503 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C504 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C505-509 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C510 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C511 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C512 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C513 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C514 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C515 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C516 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C517 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C518 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C519 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C520 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C521 | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V |
| C522 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C523 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C524 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C525-529 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| C530 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C531 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V |
| C532 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C533 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C534 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C535 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C536 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C537 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C538 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C539 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C540 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C541 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C542 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C543 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C544 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C545 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C546 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C547 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C548 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C549 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C550 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C551-555 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C556 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C557 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C558 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C559 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C601 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C602 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C603 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C604 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C605 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C606 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C607 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C608 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C609 | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V |
| C610 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C611 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C614 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C615 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C616 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C617 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C618 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C619 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C620 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C621 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C622 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C623 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C624 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C625 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C626 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C627 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C628 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C629 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C630 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C631 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C632 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C633 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C634 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C635-645 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| C646 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C647 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C648 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C649 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C650 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C651 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C652 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C653 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C654 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C655 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C656 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C657 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C658 | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V |
| C659 | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V |
| C660 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C661 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C662 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C663 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C664 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C665 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V |
| C667 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C668 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C669 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C670 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C671 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C701 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C702 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C703 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C704 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C705 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C706 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C707 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C708 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C709 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C710 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C711 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C712 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C713 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C714-719 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C720-724 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C725 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C726 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C727 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V |
| CN103 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN104 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN105 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| D201 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D401 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D501 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D502 | 8-719-941-04 | s DIODE SB007-03CP |
| D503 | 8-719-021-31 | s DIODE UZM5.1B |
| D504 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D601 | 8-719-941-04 | s DIODE SB007-03CP |
| D602 | 8-719-123-85 | s DIODE 1SS304 |
| D701 | 8-719-123-85 | s DIODE 1SS304 |
| DL101 | 1-415-154-00 | s DELAY LINE 35nS |
| DL301 | 1-415-546-11 | s DELAY LINE 50nS |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------|
| FL201 | 1-239-770-11 | s FILTER, LOW-PASS 4MHz |
| FL401 | 1-239-772-11 | s FILTER, LOW-PASS 3MHz |
| FL601 | 1-239-771-21 | s FILTER, LOW-PASS 6MHz |
| IC101 | 8-752-052-75 | s IC CXA1479Q |
| IC102 | 8-759-300-71 | s IC HD14053BFP |
| IC103 | 8-759-908-92 | s IC TL084CNS |
| IC104 | 8-759-702-08 | s IC NJM360M |
| IC201 | 8-759-908-17 | s IC TL082CPS |
| IC202 | 8-752-052-48 | s IC CXA1370Q |
| IC203 | 8-759-700-65 | s IC NJM79L05A |
| IC204 | 1-810-333-11 | s HIC BP-022 |
| IC205 | 8-759-189-43 | s IC AN77L05-TA |
| IC301 | 8-752-052-75 | s IC CXA1479Q |
| IC302 | 8-759-300-71 | s IC HD14053BFP |
| IC303 | 8-759-908-92 | s IC TL084CNS |
| IC401 | 8-752-052-48 | s IC CXA1370Q |
| IC402 | 8-759-700-65 | s IC NJM79L05A |
| IC403 | 1-810-333-11 | s HIC BP-022 |
| IC404 | 8-759-189-43 | s IC AN77L05-TA |
| IC501 | 8-759-927-46 | s IC SN74HC00NS |
| IC502 | 8-759-908-92 | s IC TL084CNS |
| IC503 | 8-759-300-71 | s IC HD14053BFP |
| IC504 | 8-759-168-20 | s IC TA78L09S |
| IC505 | 8-759-700-65 | s IC NJM79L05A |
| IC506 | 8-759-908-92 | s IC TL084CNS |
| IC507 | 8-752-052-73 | s IC CXA1451M |
| IC508 | 8-752-052-73 | s IC CXA1451M |
| IC509 | 8-752-052-73 | s IC CXA1451M |
| IC510 | 8-752-052-73 | s IC CXA1451M |
| IC511 | 8-759-182-84 | s IC PQ05SZ5U |
| IC512 | 8-759-822-95 | s IC L79M05T-FA |
| IC601 | 8-759-907-81 | s IC SN74LS221NS |
| IC602 | 8-759-927-46 | s IC SN74HC00NS |
| IC603 | 8-759-908-92 | s IC TL084CNS |
| IC604 | 8-759-300-71 | s IC HD14053BFP |
| IC605 | 8-759-908-92 | s IC TL084CNS |
| IC606 | 8-752-068-20 | s IC CXA1521M-TH |
| IC607 | 8-752-068-20 | s IC CXA1521M-TH |
| IC608 | 8-759-168-20 | s IC TA78L09S |
| IC609 | 8-759-906-59 | s IC CX22017 |
| IC610 | 8-759-700-65 | s IC NJM79L05A |
| IC611 | 8-752-052-73 | s IC CXA1451M |
| IC612 | 8-759-057-43 | s IC MC14576BF |
| IC701 | 8-752-052-73 | s IC CXA1451M |
| IC702 | 8-752-052-73 | s IC CXA1451M |
| IC703 | 8-759-927-46 | s IC SN74HC00NS |
| IC704 | 8-759-925-74 | s IC TC74HC04NS |
| IC705 | 8-759-925-85 | s IC SN74HC32NS |
| L101 | 1-410-482-31 | s INDUCTOR 100uH |
| L102 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L103 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L104 | 1-410-466-41 | s INDUCTOR 4.7uH |
| L105 | 1-410-482-31 | s INDUCTOR 100uH |
| L106 | 1-410-462-11 | s INDUCTOR 2.2uH |
| L107 | 1-410-482-31 | s INDUCTOR 100uH |
| L108 | 1-410-482-31 | s INDUCTOR 100uH |
| L109 | 1-408-427-00 | s INDUCTOR 330uH |
| L110 | 1-410-482-31 | s INDUCTOR 100uH |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| L201 | 1-410-471-11 s | INDUCTOR 12uH |
| L202 | 1-410-482-31 s | INDUCTOR 100uH |
| L203 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L204 | 1-410-478-11 s | INDUCTOR 47uH |
| L205 | 1-410-482-31 s | INDUCTOR 100uH |
| L206 | 1-410-482-31 s | INDUCTOR 100uH |
| L207 | 1-410-482-31 s | INDUCTOR 100uH |
| L301 | 1-410-482-31 s | INDUCTOR 100uH |
| L302 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L303 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L304 | 1-408-429-00 s | INDUCTOR 470uH |
| L305 | 1-408-429-00 s | INDUCTOR 470uH |
| L306 | 1-408-406-00 s | INDUCTOR 5.6uH |
| L307 | 1-410-482-31 s | INDUCTOR 100uH |
| L308 | 1-410-462-11 s | INDUCTOR 2.2uH |
| L309 | 1-408-427-00 s | INDUCTOR 330uH |
| L310 | 1-410-482-31 s | INDUCTOR 100uH |
| L311 | 1-410-482-31 s | INDUCTOR 100uH |
| L312 | 1-410-482-31 s | INDUCTOR 100uH |
| L401 | 1-410-471-11 s | INDUCTOR 12uH |
| L402 | 1-410-482-31 s | INDUCTOR 100uH |
| L403 | 1-408-408-00 s | INDUCTOR 8.2uH |
| L404 | 1-410-482-31 s | INDUCTOR 100uH |
| L405 | 1-410-482-31 s | INDUCTOR 100uH |
| L406 | 1-410-482-31 s | INDUCTOR 100uH |
| L501 | 1-410-482-31 s | INDUCTOR 100uH |
| L502 | 1-410-482-31 s | INDUCTOR 100uH |
| L503 | 1-410-482-31 s | INDUCTOR 100uH |
| L505 | 1-410-482-31 s | INDUCTOR 100uH |
| L506 | 1-410-482-31 s | INDUCTOR 100uH |
| L507 | 1-408-419-00 s | INDUCTOR 68uH |
| L508 | 1-410-478-11 s | INDUCTOR 47uH |
| L509 | 1-410-476-11 s | INDUCTOR 33uH |
| L601-609 | 1-410-482-31 s | INDUCTOR 100uH |
| L610 | 1-410-478-11 s | INDUCTOR 47uH |
| L611 | 1-410-478-11 s | INDUCTOR 47uH |
| L612 | 1-410-478-11 s | INDUCTOR 47uH |
| L613 | 1-410-478-11 s | INDUCTOR 47uH |
| L614 | 1-408-413-00 s | INDUCTOR 22uH |
| L701 | 1-410-482-31 s | INDUCTOR 100uH |
| L702 | 1-410-482-31 s | INDUCTOR 100uH |
| L703 | 1-410-476-11 s | INDUCTOR 33uH |
| L704 | 1-410-476-11 s | INDUCTOR 33uH |
| L705 | 1-410-482-31 s | INDUCTOR 100uH |
| L706 | 1-412-533-21 s | INDUCTOR 47uH |
| L707 | 1-412-533-21 s | INDUCTOR 47uH |
| L708 | 1-412-533-21 s | INDUCTOR 47uH |
| L709 | 1-412-533-21 s | INDUCTOR 47uH |
| L710 | 1-412-533-21 s | INDUCTOR 47uH |
| Q101 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q102 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q103 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q104 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q105 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q106 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q107-111 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q112 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q201 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q202 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| Q203 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q204 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q205 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q206 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q207 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q208 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q209 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q210 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q211 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q212 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q213 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q214 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q215 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q216 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q217 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q218 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q219 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q220 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q301 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q302 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q303 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q304 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q305 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q306 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q307-311 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q401 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q402 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q403 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q404 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q405 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q406 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q407 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q408 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q409 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q410 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q411 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q412 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q413 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q414 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q415 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q416 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q417 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q418 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q501 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q502 | 8-729-923-06 s | TRANSISTOR FMW8 |
| Q503 | 8-729-904-04 s | TRANSISTOR FMS2 |
| Q504 | 8-729-903-82 s | TRANSISTOR FMW2 |
| Q505 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q506 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q507 | 8-729-931-46 s | TRANSISTOR FMW7 |
| Q508 | 8-729-907-26 s | TRANSISTOR IMX1 |
| Q509 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q510 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q511 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q512 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q513 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q514 | 8-729-904-41 s | TRANSISTOR FMY3 |
| Q515 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q516 | 8-729-117-32 s | TRANSISTOR 2SC4177 |

(VP-43 BOARD(UVN-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| Q517 | 8-729-904-41 | s TRANSISTOR FMY3 |
| Q601 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q602 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q603 | 8-729-923-06 | s TRANSISTOR FMW8 |
| Q604 | 8-729-923-06 | s TRANSISTOR FMW8 |
| Q605 | 8-729-904-04 | s TRANSISTOR FMS2 |
| Q606 | 8-729-904-04 | s TRANSISTOR FMS2 |
| Q607 | 8-729-903-82 | s TRANSISTOR FMW2 |
| Q608 | 8-729-903-82 | s TRANSISTOR FMW2 |
| Q609 | 8-729-907-26 | s TRANSISTOR IMX1 |
| Q610 | 8-729-907-26 | s TRANSISTOR IMX1 |
| Q611 | 8-729-931-46 | s TRANSISTOR FMW7 |
| Q612 | 8-729-931-46 | s TRANSISTOR FMW7 |
| Q613 | 8-729-143-14 | s TRANSISTOR 2SC4176-B35 |
| Q614 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q615 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q616 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q617-626 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q627 | 8-729-143-14 | s TRANSISTOR 2SC4176-B35 |
| Q628 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q701 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q702 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q703 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q704 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q705 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q706 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q707 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q708 | 8-729-117-32 | s TRANSISTOR 2SC4177 |
| Q709 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q710 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q711 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q712 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |
| Q713 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q714 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| R101 | 1-216-295-91 | s RES, CHIP 0 |
| R102 | 1-216-295-91 | s RES, CHIP 0 |
| R103 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R104 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R105 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R106 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R107 | 1-216-295-91 | s RES, CHIP 0 |
| R108 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R109 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R110 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R111 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R112 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R113 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R114 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R115 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R116 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R117 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R118 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R119 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R120 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R121 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R122 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R123 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R124 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R125 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |

(VP-43 BOARD(UVN-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R126 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R127 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R128 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R129 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R130 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R131 | 1-216-644-11 | s METAL, CHIP 510 0.5% 1/10W |
| R132 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R133 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R134 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R135 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R136 | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R137 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R138 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R139 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R140 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R141 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R142 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R143 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R144 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R145 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R146 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R147 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R148 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R149 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R150 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R151 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R152 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R153 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R154 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R155 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R156 | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W |
| R157 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R158 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R159 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R160 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R161 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R162 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R163 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R164 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R165 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R166 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R168 | 1-216-295-91 | s RES, CHIP 0 |
| R169 | 1-216-295-91 | s RES, CHIP 0 |
| R170 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R201 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R202 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R203 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R204 | 1-216-692-11 | s METAL, CHIP 51k 0.5% 1/10W |
| R205 | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W |
| R206 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R207 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R208 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R209 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R210 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R211 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R212 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R213 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R214 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R215 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |

(VP-43 BOARD(UVW-1800))

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R216 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R217 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R218 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R219 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R220 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R221 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R222 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R223 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R224 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R225 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R226 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |
| R227 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R228 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R229 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R230 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R231 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R232 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R233 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R234 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R235 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R236 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R237 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R238 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R239 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R240 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R241 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R242 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R243 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |
| R244 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R245 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R246 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R247 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R248 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R249 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R250 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R251 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R253 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R255 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R256 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R257 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R258 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R259 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R260 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R262 | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W |
| R263 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R264 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R265 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R266 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R267 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R268 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R269 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R270 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R271 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R272 | 1-216-620-11 | s METAL, CHIP 51 0.5% 1/10W |
| R273 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R274 | 1-216-295-91 | s RES, CHIP 0 |
| R275 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R276 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R301 | 1-216-629-11 | s METAL, CHIP 120 0.5% 1/10W |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R302 | 1-216-629-11 | s METAL, CHIP 120 0.5% 1/10W |
| R303 | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W |
| R304 | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W |
| R305 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R306 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R307 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R308 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R309 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R310 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R311 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R312 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R313 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R314 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R315 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R316 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R317 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R318 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R319 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R320 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R321 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R322 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R323 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R324 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R325 | 1-216-644-11 | s METAL, CHIP 510 0.5% 1/10W |
| R326 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R327 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R328 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R329 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R330 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R331 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R332 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R333 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R334 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R335 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R336 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R337 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R338 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R339 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R340 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R341 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R342 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R343 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R344 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R345 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R346 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R347 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R348 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R349 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R350 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R351 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R352 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R353 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R354 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R355 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R356 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R357 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R358 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R359 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R401 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R402 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R403 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R404 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R405 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R406 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R407 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R408 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R409 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R410 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R411 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R412 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R413 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R414 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R415 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R416 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R417 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R418 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R419 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R420 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R421 | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W |
| R422 | 1-216-664-11 | s METAL, CHIP 3.6k 0.5% 1/10W |
| R423 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R424 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R425 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R426 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R427 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R428 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R429 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R430 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R431 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |
| R432 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R433 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R434 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R435 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R436 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R437 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R438 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R439 | 1-216-063-00 | s METAL, CHIP 3.9k 5% 1/10W |
| R440 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R441 | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R442 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R443 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R444 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R445 | 1-216-119-00 | s METAL, CHIP 820k 5% 1/10W |
| R446 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R447 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R448 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R449 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R450 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R451 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R452 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R453 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R454 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R455 | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W |
| R456 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R457 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R458 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R459 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R460 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R461 | 1-216-620-11 | s METAL, CHIP 51 0.5% 1/10W |
| R462 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R463 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R464 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R501 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R502 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R503 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R504 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R505 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R506 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R507 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R508 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R509 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R510 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R511 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R512 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R513 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R514 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R515 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R516 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R517 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R518 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R519 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R520 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R521 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R522 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R523 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R524 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R525 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R526 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R527 | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W |
| R528 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R529 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R530 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R531 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R532 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R533 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R534 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R535 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R536 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R537 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R538 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R539 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R540 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R541 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R542 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R543 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R544 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R545 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R546 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R547 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R548 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R549 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R550 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R551 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R552 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R553 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R554 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R555 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |

(VP-43 BOARD(UVW-1800))

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R556 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R557 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R558 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R559 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R560 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R561 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R562 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R563 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R564 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R565 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R566 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R567 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R568-572 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R573 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R574 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R575 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R576 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R600 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R601 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R602 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R603 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R604 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R605 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R606 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R607 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R608 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R609 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R610 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R611 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R612 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R613 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R614 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R615 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R616 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R617 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R618 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R619 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R620 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R621 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R622 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R623 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R626 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R627 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R628 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R629 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R630 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R631 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R632 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R633 | 1-216-295-91 | s RES, CHIP 0 |
| R634 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R635 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R636 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R637 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R638 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R639 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R640 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R641 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R642 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R643 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R644 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R645 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R646 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R647 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R648 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R649 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R650 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R651 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R652 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R653 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R654 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R655 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R656 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R657 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R658 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R659 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R660 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R661 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R662 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R663 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R664 | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W |
| R665 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R666 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R667 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R668 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R669 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R670 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R671 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R672 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R673 | 1-216-637-11 | s METAL, CHIP 270 0.5% 1/10W |
| R674 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R675 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R676 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R677 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R678-682 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R683 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R684 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R686 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R687 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R688 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R689 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R690 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R691 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R692 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R693 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R694 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R695 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R696 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R697 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R698 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R699 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R701 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R702 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R703 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R704 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R705 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R706 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R707 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R708 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R709 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| R710 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R711 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R712 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R713 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R714 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R715 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R716 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R717 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R718 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R719 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R720 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R721 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R722 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R723 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R724 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R725 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R726 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R727 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R728 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R729 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R730 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R731 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R732 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R733-737 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R738 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R739 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R740 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R741 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R742 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R743 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R744 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R745 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R746 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R747 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R748 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R749 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R750 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R751 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| RV101 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV102 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV103 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV201 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV301 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV302 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV303 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV401 | 1-241-764-11 | s RES, ADJ METAL 10k |
| RV501 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV502 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV503 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV504 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV505 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV506 | 1-241-758-21 | s RES, ADJ METAL 100 |
| RV601 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV602 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV603 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV604 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV605 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV606 | 1-241-779-21 | s RES, ADJ METAL 100 |

(VP-43 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|----------------------------|
| RV701 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV702 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV703 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV704 | 1-241-761-11 | s RES, ADJ METAL 1k |
| TH201 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| TH401 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |

VP-43A BOARD(UVW-1600)

Ref. No.
or Q'ty Part No. SP Description

VP-43A board is used for UVW-1600.

| | | |
|----------|--------------|-----------------------------------|
| 1pc | A-8275-277-A | o MOUNTED CIRCUIT BOARD, VP-43A |
| 1pc | 3-182-386-01 | o PLATE, SHIELD (L), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C101 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C102 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C103 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C104 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C105 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C106 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C107 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C108 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C109 | 1-163-108-00 | s CERAMIC, CHIP 43pF 5% 50V |
| C110 | 1-163-115-00 | s CERAMIC, CHIP 82pF 5% 50V |
| C111 | 1-163-108-00 | s CERAMIC, CHIP 43pF 5% 50V |
| C112 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C113 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C114 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C115 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C116 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C117 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C118 | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V |
| C119 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C120-127 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C128 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C129 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C130 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C131 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C132 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C133 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C134 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C135-142 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C143 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C144 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C145 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C146 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C147 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C148 | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V |
| C149 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C150 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C151 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C201-212 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C213 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C214 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C215 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C216 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C217 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C219 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C220 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C221 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V |
| C222 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C223 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C224 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C225 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C226-230 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C231 | 1-126-925-11 | s ELECT 470uF 20% 10V |

(VP-43A BOARD(UVW-1600))

Ref. No.
or Q'ty Part No. SP Description

| | | |
|----------|--------------|--------------------------------|
| C232 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C234 | 1-107-552-21 | s MICA, CHIP 150pF 1% 50V |
| C235 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C236 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C237 | 1-126-963-11 | s ELECT 4.7uF 20% 50V |
| C238 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C239 | 1-163-114-00 | s CERAMIC, CHIP 75pF 5% 50V |
| C240 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C241 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C242 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C243 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C244 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C245 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C246 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C247 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C248 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C249 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C250 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C251 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C301 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C302 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C303 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C304 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C305 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C306 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C307 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C308 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C309 | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V |
| C310 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C311 | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V |
| C312 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C313 | 1-124-903-11 | s ELECT 1uF 20% 50V |
| C314 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C315 | 1-163-135-00 | s CERAMIC, CHIP 560pF 5% 50V |
| C316 | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V |
| C317 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C318 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C319 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C320 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C321 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C322 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C323 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C324 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C325 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C326 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C327 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C328 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C329 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C330 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C331 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C332 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C333 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C334 | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V |
| C335-339 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C340 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C341 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C342 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C343 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C344 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| C345 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C346 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C347 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C348 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C349 | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V |
| C350 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C351 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C401-408 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C409 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C410 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C411 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C412 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C413 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C414 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C415 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C416 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C417 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C418 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C419 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C420 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C421-425 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C426 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C427 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C428 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C429 | 1-163-084-00 | s CERAMIC, CHIP 1.5pF 50V |
| C430 | 1-107-552-21 | s MICA, CHIP 150pF 1% 50V |
| C431 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C432 | 1-126-963-11 | s ELECT 4.7uF 20% 50V |
| C433 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C434 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C435 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C436 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C437 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C438 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C439 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C440 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C441 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C442 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C443 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C501 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C502 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C503 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C504 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C505-509 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C510 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C511 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C512 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C513 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C514 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C515 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C516 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C517 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C518 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C519 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C520 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C521 | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V |
| C522 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C523 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C524 | 1-126-933-11 | s ELECT 100uF 20% 16V |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| C525-529 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C530 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C531 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V |
| C532 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C533 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C534 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C535 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C536 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C537 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C538 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C539 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C540 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C541 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C542 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C543 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C544 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C545 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C546 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C547 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C548 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C549 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C550 | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V |
| C551-555 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C556 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C557 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C558 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C559 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C601 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C602 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C603 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C604 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C605 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C606 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C607 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C608 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C609 | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V |
| C610 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C611 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C614 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C615 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C616 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C617 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C618 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C619 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C620 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C621 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C622 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C623 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C624 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C625 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C626 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C627 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C628 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C629 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C630 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C631 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C632 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V |
| C633 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C634 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| C635-645 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C646 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C647 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C648 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C649 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C650 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C651 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C652 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C653 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C654 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C655 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C656 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C657 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C658 | 1-163-245-11 | s CERAMIC 56pF 5% 50V |
| C659 | 1-163-245-11 | s CERAMIC 56pF 5% 50V |
| C660 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C661 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V |
| C662 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C663 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C664 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C665 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V |
| C667 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C668 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C669 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C670 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C671 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C701 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C702 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C703 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C704 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C705 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C706 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C707 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C708 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C709 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C710 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C711 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C712 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C713 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C714-719 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C720-724 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C725 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C726 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| CN103 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN104 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN105 | 1-506-491-11 | s CONNECTOR 12P, MALE |
| D201 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D401 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D501 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D502 | 8-719-941-04 | s DIODE SB007-03CP |
| D503 | 8-719-021-31 | s DIODE UZM5.1B |
| D504 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D601 | 8-719-941-04 | s DIODE SB007-03CP |
| D602 | 8-719-123-85 | s DIODE 1SS304 |
| DL101 | 1-415-154-00 | s DELAY LINE 35nS |
| DL301 | 1-415-546-11 | s DELAY LINE 50nS |
| FL201 | 1-239-770-11 | s FILTER, LOW-PASS 4MHz |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------|
| FL401 | 1-239-772-11 | s FILTER, LOW-PASS 3MHz |
| FL601 | 1-239-771-21 | s FILTER, LOW-PASS 6MHz |
| IC101 | 8-752-052-75 | s IC CXA1479Q |
| IC102 | 8-759-300-71 | s IC HD14053BFP |
| IC103 | 8-759-908-92 | s IC TL084CNS |
| IC104 | 8-759-702-08 | s IC NJM360M |
| IC201 | 8-759-908-17 | s IC TL082CPS |
| IC202 | 8-752-052-48 | s IC CXA1370Q |
| IC203 | 8-759-700-65 | s IC NJM79L05A |
| IC204 | 1-810-333-11 | s HIC BP-022 |
| IC205 | 8-759-189-43 | s IC AN77L05-TA |
| IC301 | 8-752-052-75 | s IC CXA1479Q |
| IC302 | 8-759-300-71 | s IC HD14053BFP |
| IC303 | 8-759-908-92 | s IC TL084CNS |
| IC401 | 8-752-052-48 | s IC CXA1370Q |
| IC402 | 8-759-700-65 | s IC NJM79L05A |
| IC403 | 1-810-333-11 | s HIC BP-022 |
| IC404 | 8-759-189-43 | s IC AN77L05-TA |
| IC501 | 8-759-927-46 | s IC SN74HC00NS |
| IC502 | 8-759-908-92 | s IC TL084CNS |
| IC503 | 8-759-300-71 | s IC HD14053BFP |
| IC504 | 8-759-168-20 | s IC TA78L09S |
| IC505 | 8-759-700-65 | s IC NJM79L05A |
| IC506 | 8-759-908-92 | s IC TL084CNS |
| IC507 | 8-752-052-73 | s IC CXA1451M |
| IC508 | 8-752-052-73 | s IC CXA1451M |
| IC509 | 8-752-052-73 | s IC CXA1451M |
| IC510 | 8-752-052-73 | s IC CXA1451M |
| IC511 | 8-759-182-84 | s IC PQ05S25U |
| IC512 | 8-759-822-95 | s IC L79M05T-FA |
| IC601 | 8-759-907-81 | s IC SN74LS221NS |
| IC602 | 8-759-927-46 | s IC SN74HC00NS |
| IC603 | 8-759-908-92 | s IC TL084CNS |
| IC604 | 8-759-300-71 | s IC HD14053BFP |
| IC605 | 8-759-908-92 | s IC TL084CNS |
| IC606 | 8-752-068-20 | s IC CXA1521M-TH |
| IC607 | 8-752-068-20 | s IC CXA1521M-TH |
| IC608 | 8-759-168-20 | s IC TA78L09S |
| IC609 | 8-759-906-59 | s IC CX22017 |
| IC610 | 8-759-700-65 | s IC NJM79L05A |
| IC611 | 8-752-052-73 | s IC CXA1451M |
| IC612 | 8-759-057-43 | s IC MC14576BF |
| IC701 | 8-752-052-73 | s IC CXA1451M |
| IC702 | 8-752-052-73 | s IC CXA1451M |
| IC703 | 8-759-927-46 | s IC SN74HC00NS |
| IC704 | 8-759-925-74 | s IC TC74HC04NS |
| IC705 | 8-759-925-85 | s IC SN74HC32NS |
| L101 | 1-410-482-31 | s INDUCTOR 100uH |
| L102 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L103 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L104 | 1-410-466-41 | s INDUCTOR 4.7uH |
| L105 | 1-410-482-31 | s INDUCTOR 100uH |
| L106 | 1-410-462-11 | s INDUCTOR 2.2uH |
| L107 | 1-410-482-31 | s INDUCTOR 100uH |
| L108 | 1-410-482-31 | s INDUCTOR 100uH |
| L109 | 1-408-427-00 | s INDUCTOR 330uH |
| L110 | 1-410-482-31 | s INDUCTOR 100uH |
| L111 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L201 | 1-410-471-11 | s INDUCTOR 12uH |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| L202 | 1-410-482-31 s | INDUCTOR 100uH |
| L203 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L204 | 1-410-478-11 s | INDUCTOR 47uH |
| L205 | 1-410-482-31 s | INDUCTOR 100uH |
| L206 | 1-410-482-31 s | INDUCTOR 100uH |
| L207 | 1-410-482-31 s | INDUCTOR 100uH |
| L301 | 1-410-482-31 s | INDUCTOR 100uH |
| L302 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L303 | 1-410-468-11 s | INDUCTOR 6.8uH |
| L304 | 1-408-429-00 s | INDUCTOR 470uH |
| L305 | 1-408-429-00 s | INDUCTOR 470uH |
| L306 | 1-408-406-00 s | INDUCTOR 5.6uH |
| L307 | 1-410-482-31 s | INDUCTOR 100uH |
| L308 | 1-410-462-11 s | INDUCTOR 2.2uH |
| L309 | 1-408-427-00 s | INDUCTOR 330uH |
| L310 | 1-410-482-31 s | INDUCTOR 100uH |
| L311 | 1-410-482-31 s | INDUCTOR 100uH |
| L312 | 1-410-482-31 s | INDUCTOR 100uH |
| L401 | 1-410-471-11 s | INDUCTOR 12uH |
| L402 | 1-410-482-31 s | INDUCTOR 100uH |
| L403 | 1-408-408-00 s | INDUCTOR 8.2uH |
| L404 | 1-410-482-31 s | INDUCTOR 100uH |
| L405 | 1-410-482-31 s | INDUCTOR 100uH |
| L406 | 1-410-482-31 s | INDUCTOR 100uH |
| L501 | 1-410-482-31 s | INDUCTOR 100uH |
| L502 | 1-410-482-31 s | INDUCTOR 100uH |
| L503 | 1-410-482-31 s | INDUCTOR 100uH |
| L505 | 1-410-482-31 s | INDUCTOR 100uH |
| L506 | 1-410-482-31 s | INDUCTOR 100uH |
| L507 | 1-408-419-00 s | INDUCTOR 68uH |
| L508 | 1-410-478-11 s | INDUCTOR 47uH |
| L509 | 1-410-476-11 s | INDUCTOR 33uH |
| L601-609 | 1-410-482-31 s | INDUCTOR 100uH |
| L610 | 1-410-478-11 s | INDUCTOR 47uH |
| L611 | 1-410-478-11 s | INDUCTOR 47uH |
| L612 | 1-410-478-11 s | INDUCTOR 47uH |
| L613 | 1-410-478-11 s | INDUCTOR 47uH |
| L614 | 1-408-413-00 s | INDUCTOR 22uH |
| L701 | 1-410-482-31 s | INDUCTOR 100uH |
| L702 | 1-410-482-31 s | INDUCTOR 100uH |
| L703 | 1-410-476-11 s | INDUCTOR 33uH |
| L704 | 1-410-476-11 s | INDUCTOR 33uH |
| L705 | 1-410-482-31 s | INDUCTOR 100uH |
| L706-710 | 1-412-533-21 s | INDUCTOR 47uH |
| Q101 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q102 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q103 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q104 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q105 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q106 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q107-111 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q112 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q201 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q202 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q203 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q204 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q206 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q207 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q208 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| Q209 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q210 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q212 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q215 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q216 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q217 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q218 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q219 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q220 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q301 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q302 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q303 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q304 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q305 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q306 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q307-311 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q401 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q402 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q403 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q404 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q405 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q406 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q407 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q408 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q409 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q410 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q411 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q416 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q417 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q418 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q501 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q502 | 8-729-923-06 s | TRANSISTOR FMW8 |
| Q503 | 8-729-904-04 s | TRANSISTOR FMS2 |
| Q504 | 8-729-903-82 s | TRANSISTOR FMW2 |
| Q505 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q506 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q507 | 8-729-931-46 s | TRANSISTOR FMW7 |
| Q508 | 8-729-907-26 s | TRANSISTOR IMX1 |
| Q509 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q510 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q511 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q512 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q513 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q514 | 8-729-904-41 s | TRANSISTOR FMY3 |
| Q515 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q516 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q517 | 8-729-904-41 s | TRANSISTOR FMY3 |
| Q601 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q602 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q603 | 8-729-923-06 s | TRANSISTOR FMW8 |
| Q604 | 8-729-923-06 s | TRANSISTOR FMW8 |
| Q605 | 8-729-904-04 s | TRANSISTOR FMS2 |
| Q606 | 8-729-904-04 s | TRANSISTOR FMS2 |
| Q607 | 8-729-903-82 s | TRANSISTOR FMW2 |
| Q608 | 8-729-903-82 s | TRANSISTOR FMW2 |
| Q609 | 8-729-907-26 s | TRANSISTOR IMX1 |
| Q610 | 8-729-907-26 s | TRANSISTOR IMX1 |
| Q611 | 8-729-931-46 s | TRANSISTOR FMW7 |
| Q612 | 8-729-931-46 s | TRANSISTOR FMW7 |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| Q613 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q614 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q615 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q616 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q617-626 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q627 | 8-729-143-14 s | TRANSISTOR 2SC4176-B35 |
| Q628 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q701 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q702 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q703 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q704 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q705 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q706 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q707 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q708 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q709 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q710 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q711 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q712 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q713 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q714 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| R101 | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W |
| R102 | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W |
| R103 | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W |
| R104 | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W |
| R105 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R106 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R107 | 1-216-295-91 s | RES, CHIP 0 |
| R108 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R109 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R110 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R111 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R112 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R113 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R114 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R115 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R116 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R117 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R118 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R119 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R120 | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W |
| R121 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R122 | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W |
| R123 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R124 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R125 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R126 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R127 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R128 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R129 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R130 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R131 | 1-216-644-11 s | METAL, CHIP 510 0.5% 1/10W |
| R132 | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W |
| R133 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R134 | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W |
| R135 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R136 | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W |
| R137 | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R138 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R139 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R140 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R141 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R142 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R143 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R144 | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W |
| R145 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R146 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R147 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R148 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R149 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R150 | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R151 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R152 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R153 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R154 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R155 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R156 | 1-216-035-00 s | METAL, CHIP 270 5% 1/10W |
| R157 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R158 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R159 | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W |
| R160 | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W |
| R161 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R162 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R163 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R164 | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R165 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R166 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R168 | 1-216-295-91 s | RES, CHIP 0 |
| R169 | 1-216-295-91 s | RES, CHIP 0 |
| R170 | 1-216-670-11 s | METAL, CHIP 6.2k 0.5% 1/10W |
| R201 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R202 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R203 | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W |
| R204 | 1-216-692-11 s | METAL, CHIP 51k 0.5% 1/10W |
| R205 | 1-216-650-11 s | METAL, CHIP 910 0.5% 1/10W |
| R206 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R207 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R208 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R209 | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R210 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R211 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R212 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R213 | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R214 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R215 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R216 | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R217 | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R218 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R219 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R220 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R221 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R222 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R223 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R224 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R227 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R228 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R229 | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R230 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R232 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R233 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R237 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R240 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R241 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R244 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R245 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R246 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R247 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R248 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R249 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R250 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R251 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R253 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R255 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R256 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R257 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R258 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R259 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R260 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R262 | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W |
| R263 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R264 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R265 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R266 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R267 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R268 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R269 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R270 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R271 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R272 | 1-216-620-11 | s METAL, CHIP 51 0.5% 1/10W |
| R273 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R274 | 1-216-295-91 | s RES, CHIP 0 |
| R275 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R276 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R301 | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W |
| R302 | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W |
| R303 | 1-216-629-11 | s METAL, CHIP 120 0.5% 1/10W |
| R304 | 1-216-629-11 | s METAL, CHIP 120 0.5% 1/10W |
| R305 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R306 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R307 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R308 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R309 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R310 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R311 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R312 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R313 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R314 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R315 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R316 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R317 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R318 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R319 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R320 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R321 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R322 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R323 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R324 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R325 | 1-216-644-11 | s METAL, CHIP 510 0.5% 1/10W |
| R326 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R327 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R328 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R329 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R330 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R331 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R332 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R333 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R334 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R335 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R336 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R337 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R338 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R339 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R340 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R341 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R342 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R343 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R344 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R345 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R346 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R347 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R348 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R349 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R350 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R351 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R352 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R353 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R354 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R355 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R356 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R357 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R358 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R359 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R401 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R402 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R403 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R404 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R405 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R406 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R407 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R408 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R409 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R410 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R411 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R412 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R413 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R414 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R415 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R416 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R417 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R418 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R419 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R420 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R421 | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W |
| R422 | 1-216-664-11 | s METAL, CHIP 3.6k 0.5% 1/10W |
| R423 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |

(VP-43A BOARD(UVW-1600))

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R424 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R425 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R426 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R427 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R428 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R429 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R440 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R441 | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R442 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R443 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R444 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R445 | 1-216-119-00 | s METAL, CHIP 820k 5% 1/10W |
| R446 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R447 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R448 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R449 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R450 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R451 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R452 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R453 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R454 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R455 | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W |
| R456 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R457 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R458 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R459 | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W |
| R460 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R461 | 1-216-620-11 | s METAL, CHIP 51 0.5% 1/10W |
| R462 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R463 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R464 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R501 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R502 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R503 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R504 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R505 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R506 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R507 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R508 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R509 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R510 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R511 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R512 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R513 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R514 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R515 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R516 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R517 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R518 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R519 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R520 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R521 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R522 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R523 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R524 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R525 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R526 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R527 | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W |
| R528 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R529 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R530 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R531 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R532 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R533 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R534 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R535 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R536 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R537 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R538 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R539 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R540 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R541 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R542 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R543 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R544 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R545 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R546 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R547 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R548 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R549 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R550 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R551 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R552 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R553 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R554 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R555 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R556 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R557 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R558 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R559 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R560 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R561 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R562 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R563 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R564 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R565 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R566 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R567 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R568-572 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R573 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R574 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R575 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R576 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R600 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R601 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R602 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R603 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R604 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R605 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R606 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R607 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R608 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R609 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R610 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R611 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W |
| R612 | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R613 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R614 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R615 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R616 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R617 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R618 | 1-216-017-00 | s METAL, CHIP 47 5% 1/10W |
| R619 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R620 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W |
| R621 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R622 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R623 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R626 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R627 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R628 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R629 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R630 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R631 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R632 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R633 | 1-216-295-91 | s RES, CHIP 0 |
| R634 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R635 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R636 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R637 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R638 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R639 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R640 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R641 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R642 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R643 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R644 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R645 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R646 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R647 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R648 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R649 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R650 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R651 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R652 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R653 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R654 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R655 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R656 | 1-216-047-00 | s METAL, CHIP 820 5% 1/10W |
| R657 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R658 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R659 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R660 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R661 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R662 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R663 | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W |
| R664 | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W |
| R665 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R666 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R667 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R668 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R669 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R670 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R671 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R672 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R673 | 1-216-637-11 | s METAL, CHIP 270 0.5% 1/10W |
| R674 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R675 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R676 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R677 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R678-682 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R683 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R684 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R686 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R687 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R688 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W |
| R689 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R690 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R691 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R692 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R693 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R694 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R695 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R696 | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W |
| R697 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R698 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R699 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R701 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R702 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R703 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R704 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R705 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R706 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R707 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R708 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R709 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R710 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R711 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R712 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R713 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R714 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R715 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R716 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R717 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R718 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R719 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R720 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R721 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R722 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R723 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R724 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R725 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R726 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R727 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R728 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R729 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R730 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R731 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R732 | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R733-737 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R738 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R739 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R740 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R741 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R742 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R743 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R744 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R745 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |

(VP-43A BOARD(UVW-1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------|
| R746 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R747 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R748 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R749 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R750 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R751 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| RV101 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV102 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV103 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV201 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV301 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV302 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV303 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV401 | 1-241-764-11 | s RES, ADJ METAL 10k |
| RV501 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV502 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV503 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV504 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV505 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV506 | 1-241-758-21 | s RES, ADJ METAL 100 |
| RV601 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV602 | 1-241-123-11 | s RES, ADJ CARBON 47k |
| RV603 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV604 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV605 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV606 | 1-241-779-21 | s RES, ADJ METAL 100 |
| RV701 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV702 | 1-241-783-11 | s RES, ADJ METAL 2.2k |
| RV703 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV704 | 1-241-761-11 | s RES, ADJ METAL 1k |
| TH201 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| TH401 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |

VR-155 BOARD(UVW-1800/1600)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| 1pc | 1-648-916-11 | o PRINTED CIRCUIT BOARD, VR-155 |
| CN402 | 1-564-005-11 | o CONNECTOR 6P, MALE |
| RV1 | 1-237-790-21 | s RES, VAR CARBON 10k |
| RV2 | 1-237-790-21 | s RES, VAR CARBON 10k |

VRA-5 BOARD(UVW-1800)

Ref. No.
or Q'ty Part No. SP Description

VRA-5 board is used for UVW-1800.

| | | |
|------|--------------|--------------------------------|
| 1pc | A-8275-280-A | o MOUNTED CIRCUIT BOARD, VRA-5 |
| 1pc | 3-182-386-01 | o PLATE, SHIELD (L), CARD |
| 1pc | 7-621-759-45 | s SCREW, +PSW2.6x6 |
| 1pc | 8-752-036-77 | s IC CXA1179N |
| 1pc | 3-179-084-01 | s LEVER (R), PC BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PC BOARD |
| C101 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C102 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C103 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C104 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C105 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C106 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C107 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C108 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C109 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C110 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C111 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C112 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C113 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C114 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C115 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C116 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C117 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C118 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C119 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C121 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C122 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C123 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C124 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C125 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C126 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C127 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C128 | 1-131-381-00 | s TANTALUM 47uF 10% 10V |
| C129 | 1-131-381-00 | s TANTALUM 47uF 10% 10V |
| C130 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C131 | 1-131-381-00 | s TANTALUM 47uF 10% 10V |
| C132 | 1-131-381-00 | s TANTALUM 47uF 10% 10V |
| C133 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C134 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C135 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C136 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C137 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C138 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C140 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C141 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C142 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C143 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C144 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C145 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C200 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C201 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C202 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C203 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C204 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C205 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C206 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| C207 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C208 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C209 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C210 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C211 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C217 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C218 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C219 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C220 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C221 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C222 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C223 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C224 | 1-126-925-11 | s ELECT 470uF 20% 10V |
| C225-234 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C238 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C239 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C240 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C241-251 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C252 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C253-258 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C259 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C260 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C261 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C262 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C263 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C264 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C265 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C267 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C268 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C269 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C270 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C271 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C301 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C302 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C303 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C304 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C305 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C306 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C307 | 1-163-115-00 | s CERAMIC, CHIP 82pF 5% 50V |
| C308 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C309 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C310 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C311 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C312 | 1-126-964-11 | s ELECT 10uF 20% 50V |
| C313 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C314 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C316 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C317 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C318 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C319 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C320 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C321 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C322 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C323 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C324 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C325 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C326 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C327 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C328 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| C329 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C330 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C331 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C332 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C333 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C334 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C335 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C336 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C337 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C338 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C339 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C340 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C341 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C342 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C343 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C344 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C345 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C346 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C347 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C348 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C349 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C350 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C351 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C352 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C353 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C354 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V |
| C355 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C356 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C357 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C358 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C359 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C360 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C361 | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V |
| C362 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C363 | 1-163-097-00 | s CERAMIC, CHIP 15pF 5% 50V |
| C364 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C365 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C366 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C367 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C368 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C369 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C370 | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C371 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C372 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C373 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C374 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C375 | 1-163-220-11 | s CERAMIC, CHIP 3pF 50V |
| C376 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C377 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C378 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C379 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |
| C380 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C381 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C382 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C383 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C384 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C385 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C386 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C387 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-----------------------------------|
| C388 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C389 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C390 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C391 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C392 | 1-163-089-00 | s CERAMIC, CHIP 6pF 50V |
| C393 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C394 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C395 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C396 | 1-163-104-00 | s CERAMIC, CHIP 30pF 5% 50V |
| C397 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C398 | 1-164-232-11 | s CERAMIC 0.01uF 10% 100V |
| C399 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V |
| C501 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C502 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C503 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C504 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C505 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C506 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C507 | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V |
| C508 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C509 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C510 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C511 | 1-104-923-21 | s MICA, CHIP 180pF 0.25% 50V |
| C513 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V |
| C514 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C515 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V |
| C516 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C517 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C518 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C519 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C520 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C521 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C522 | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V |
| C523 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C524 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C525 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C526 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C527 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C528 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C529 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C530 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C531 | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C603 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C604 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C605 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C606 | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V |
| C607 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C608 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C609 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C610 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C611 | 1-104-923-21 | s MICA, CHIP 180pF 0.25% 50V |
| C613 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V |
| C614 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C615 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V |
| C616 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C617 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C618 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C619 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C620 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------------|
| C621 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C622 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C623 | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C624 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C625 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C626 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C627 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C628 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C631 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C632 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C801 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C802 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C803 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C804 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C805 | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C806 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C807 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C808 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C809 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C810 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C811 | 1-131-347-00 | s TANTALUM 1uF 10% 35V |
| C812 | 1-131-365-00 | s TANTALUM 10uF 10% 20V |
| C813 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C814 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C815 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C816 | 1-126-160-11 | s ELECT 1uF 20% 50V |
| C901 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C902 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C903 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C904 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C905 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C906 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C907 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C908 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C909 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C910 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C911 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C912 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C913 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C914 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C915 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C916 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| C917 | 1-126-933-11 | s ELECT 100uF 20% 16V |
| C918 | 1-163-033-00 | s CERAMIC, CHIP 0.022uF 50V |
| CN101 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN102 | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CV301 | 1-141-304-21 | s CAP, TRIMMER 10pF |
| D101 | 8-719-941-23 | s DIODE DA204U |
| D102 | 8-719-941-23 | s DIODE DA204U |
| D109 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D202 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D301 | 8-719-041-39 | s DIODE KV1470 |
| D303 | 8-719-821-39 | s DIODE 1SV160 |
| D305 | 8-713-300-88 | s DIODE 1T33C-01 |
| D306 | 8-719-911-19 | s DIODE 1SS119 |
| D801 | 8-719-941-23 | s DIODE DA204U |
| FB201 | 1-543-309-21 | s BEAD, FERRITE |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------|
| FL101 | 1-239-769-11 s | FILTER, LOW-PASS 5MHz |
| FL102 | 1-239-313-11 s | FILTER, LOW-PASS 2MHz |
| FL103 | 1-239-313-11 s | FILTER, LOW-PASS 2MHz |
| FL201 | 1-239-769-11 s | FILTER, LOW-PASS 5MHz |
| FL202 | 1-239-801-11 s | FILTER, LOW-PASS 4MHz |
| IC101 | 8-759-300-71 s | IC HD14053BFP |
| IC102 | 8-759-300-71 s | IC HD14053BFP |
| IC103 | 8-759-908-92 s | IC TL084CNS |
| IC104 | 8-759-925-76 s | IC SN74HC08NS |
| IC201 | 8-759-925-90 s | IC SN74HC74NS |
| IC202 | 8-759-300-71 s | IC HD14053BFP |
| IC205 | 8-759-996-29 s | IC MB40568 |
| IC206 | 8-759-996-29 s | IC MB40568 |
| IC207 | 8-759-035-93 s | IC TC7532F-TE85L |
| IC208 | 8-759-147-02 s | IC UPD42101C-3 |
| IC209 | 8-759-147-02 s | IC UPD42101C-3 |
| IC210 | 8-759-513-76 s | IC CXD8161AQ |
| IC211 | 8-759-031-84 s | IC TC7S04F |
| IC212 | 8-752-329-28 s | IC CXD1151Q |
| IC213 | 8-752-352-34 s | IC CXD1171M-1 |
| IC214 | 8-752-352-34 s | IC CXD1171M-1 |
| IC215 | 8-759-300-71 s | IC HD14053BFP |
| IC216 | 8-759-907-81 s | IC SN74LS221NS |
| IC217 | 8-759-008-31 s | IC MC74HC4002F |
| IC218 | 8-759-925-85 s | IC SN74HC32NS |
| IC219 | 8-759-234-20 s | IC TC7S08F |
| IC220 | 8-759-300-71 s | IC HD14053BFP |
| IC301 | 8-759-008-67 s | IC MC14066BF |
| IC302 | 8-752-339-04 s | IC CXD2208Q |
| IC303 | 8-759-908-92 s | IC TL084CNS |
| IC304 | 8-759-906-53 s | IC TL062CPS |
| IC305 | 8-759-031-84 s | IC TC7S04F |
| IC306 | 8-759-908-92 s | IC TL084CNS |
| IC307 | 8-759-031-84 s | IC TC7S04F |
| IC308 | 8-759-906-53 s | IC TL062CPS |
| IC309 | 8-759-300-71 s | IC HD14053BFP |
| IC310 | 8-759-520-55 s | IC CXD8243AM |
| IC311 | 8-759-008-67 s | IC MC14066BF |
| IC312 | 8-759-907-81 s | IC SN74LS221NS |
| IC313 | 8-759-239-58 s | IC TC74HC221AF |
| IC314 | 8-759-009-06 s | IC MC14052BF |
| IC315 | 8-759-908-15 s | IC TL431CLP |
| IC316 | 8-759-908-15 s | IC TL431CLP |
| IC317 | 8-759-031-84 s | IC TC7S04F |
| IC501 | 1-810-334-11 s | HIC BP-023 |
| IC502 | 8-759-908-15 s | IC TL431CLP |
| IC601 | 1-810-334-11 s | HIC BP-023 |
| IC602 | 8-759-908-15 s | IC TL431CLP |
| IC801 | 8-752-064-20 s | IC CXA1727Q |
| IC802 | 8-752-356-06 s | IC CXD2122AQ |
| IC901 | 8-759-182-84 s | IC PQ05SZ5U |
| IC902 | 8-759-822-95 s | IC L79M05T-FA |
| IC903 | 8-759-182-84 s | IC PQ05SZ5U |
| IC904 | 8-759-172-41 s | IC L78M09T-TL |
| L101-105 | 1-410-482-31 s | INDUCTOR 100uH |
| L107 | 1-410-482-31 s | INDUCTOR 100uH |
| L201 | 1-408-413-00 s | INDUCTOR 22uH |
| L202 | 1-410-476-11 s | INDUCTOR 33uH |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-------------------------|
| L203 | 1-408-419-00 s | INDUCTOR 68uH |
| L204 | 1-408-413-00 s | INDUCTOR 22uH |
| L205 | 1-410-462-11 s | INDUCTOR 2.2uH |
| L206 | 1-410-462-11 s | INDUCTOR 2.2uH |
| L207 | 1-410-482-31 s | INDUCTOR 100uH |
| L208 | 1-410-482-31 s | INDUCTOR 100uH |
| L301 | 1-410-482-31 s | INDUCTOR 100uH |
| L302 | 1-410-464-11 s | INDUCTOR 3.3uH |
| L303 | 1-410-478-11 s | INDUCTOR 47uH |
| L304 | 1-410-476-11 s | INDUCTOR 33uH |
| L305 | 1-408-406-00 s | INDUCTOR 5.6uH |
| L306-314 | 1-410-482-31 s | INDUCTOR 100uH |
| L315 | 1-410-470-11 s | INDUCTOR 10uH |
| L316 | 1-410-473-11 s | INDUCTOR 18uH |
| L317 | 1-408-416-00 s | INDUCTOR 39uH |
| L501 | 1-410-482-31 s | INDUCTOR 100uH |
| L502 | 1-410-482-31 s | INDUCTOR 100uH |
| L503 | 1-408-419-00 s | INDUCTOR 68uH |
| L505 | 1-410-464-11 s | INDUCTOR 3.3uH |
| L506 | 1-410-482-31 s | INDUCTOR 100uH |
| L507 | 1-410-478-11 s | INDUCTOR 47uH |
| L603 | 1-408-420-00 s | INDUCTOR 82uH |
| L605 | 1-410-464-11 s | INDUCTOR 3.3uH |
| L606 | 1-410-482-31 s | INDUCTOR 100uH |
| L607 | 1-408-425-00 s | INDUCTOR 220uH |
| L608 | 1-410-482-31 s | INDUCTOR 100uH |
| L801 | 1-410-482-31 s | INDUCTOR 100uH |
| L901-905 | 1-412-533-21 s | INDUCTOR 47uH |
| LV301 | 1-406-745-11 s | INDUCTOR, VAR 6.8uH |
| Q101 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q102 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q103 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q104 | 8-729-904-41 s | TRANSISTOR FMY3 |
| Q105 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q106 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q107 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q108 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q109 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q110 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q111 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q112 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q113 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q114 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q115 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q116 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q117-122 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q123 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q124 | 8-729-118-56 s | TRANSISTOR 2SK852-X2 |
| Q125 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q127 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q128 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q129 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q130 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q131 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q132 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q133 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q201 | 8-729-117-32 s | TRANSISTOR 2SC4177 |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|---------------------------|
| Q202 | 8-729-905-12 s | TRANSISTOR DTA144EU |
| Q203 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q204 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q207 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q209 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q210 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q211 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q212 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q213 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q301 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q303 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q305 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q306 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q307 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q308 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q309 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q310 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q311 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q312 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q313 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q314 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q316 | 8-729-905-18 s | TRANSISTOR DTC144EU |
| Q317 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q318 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q319 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q320 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q321 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q322 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q323 | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q324 | 8-729-201-27 s | TRANSISTOR 2SC2715-Y |
| Q325 | 8-729-140-47 s | TRANSISTOR 2SC3735-B34 |
| Q508-512 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q513 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q514 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q515 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q516 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q517 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q518 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q519 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q520 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q601 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q602 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q603 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q604-610 | 8-729-117-72 s | TRANSISTOR 2SC4178 |
| Q801 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q802 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q803 | 8-729-117-32 s | TRANSISTOR 2SC4177 |
| Q804 | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| R100 | 1-249-441-11 s | CARBON 100K 5% 1/4W |
| R101 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R102 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R103 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R104 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R105 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R106 | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W |
| R107 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R108 | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W |
| R109 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|----------------|-----------------------------|
| R110 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R111 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R112 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R113 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R114 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R115 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R116 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R117 | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R118 | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R119 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R120 | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W |
| R121 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R122 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R123 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R124 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R125 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R126 | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W |
| R127 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R128 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R129 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R130 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R131 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R132 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R133 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R134 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R135 | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R136 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R137 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R138 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R139 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R140 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R141 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R142 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R143 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R144 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R145 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R146 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R147 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R148 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R149 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R150 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R151 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R152 | 1-216-121-00 s | METAL, CHIP 1M 5% 1/10W |
| R153 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R154 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R155 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R156 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R157 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W |
| R158 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W |
| R159 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R160 | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W |
| R161 | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R162 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |
| R163 | 1-216-025-00 s | METAL, CHIP 100 5% 1/10W |
| R164 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R165 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R166 | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R167 | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W |
| R168 | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R169 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R170 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R171 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R172 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R173 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R174 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R175 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R176 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R177 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R178 | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W |
| R179 | 1-216-295-91 | s RES, CHIP 0 |
| R180 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R181 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R182 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R183 | 1-216-295-91 | s RES, CHIP 0 |
| R184 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R185 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R186 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R187 | 1-216-295-91 | s RES, CHIP 0 |
| R188 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R190 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R200 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R201 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R202 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R203 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R204 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R205 | 1-216-631-11 | s METAL, CHIP 150 0.5% 1/10W |
| R206 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R207 | 1-216-631-11 | s METAL, CHIP 150 0.5% 1/10W |
| R208 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R209 | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W |
| R210 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R211 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R212 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W |
| R216 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R217 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R220 | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R223 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R224 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R225 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R226 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R227 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R228 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R229 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R230 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R231 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R232 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R233 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R234 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R236 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R238 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R239 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R241 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R242 | 1-216-696-11 | s METAL, CHIP 75k 0.5% 1/10W |
| R243 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R244 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R245 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R246 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R247 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R248 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R249 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |
| R250 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R251 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R252 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R253 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R254 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R255 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R256 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R257 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R258 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R259 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R261 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R262 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R263 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R265 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R266 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R268 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R269 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R270 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R272-279 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R280 | 1-216-695-11 | s METAL, CHIP 68 5% 1/10W |
| R301 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R302 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R303 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R304 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R305 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R306 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R307 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R308 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R309 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R310 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R311 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R312 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R313 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R314 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R315 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R316 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R317 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R318 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R319 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R320 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R321 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R322 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R323 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R324 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R325 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R326 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R327 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R328 | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R329 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R330 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R331 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R332 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R333 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R334 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R335 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R336 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R338 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R339 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R340 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R341 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R342 | 1-218-760-11 | s METAL, CHIP 220k 0.5% 1/10W |
| R343 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R344 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R345 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R346 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R347 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R348 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R349 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R350 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R351 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R352 | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R353 | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W |
| R354 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R355 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R356 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R357 | 1-216-121-00 | s METAL, CHIP 1M 5% 1/10W |
| R358 | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W |
| R359 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R360 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R361 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R362 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R363 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R364 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R365 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R367 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R368 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R369 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R370 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R371 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R372 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R375 | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W |
| R376 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R377 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R378 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R379 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R380 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R381 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R382 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R383 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R384 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R385 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R386 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R387 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R388 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R389 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R390 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R391 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R392 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R393 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R394 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R395 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R397 | 1-216-295-91 | s RES, CHIP 0 |
| R399 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R400 | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W |
| R401 | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R402 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| R403 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R404 | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R405 | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W |
| R406 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R407 | 1-216-133-00 | s METAL, CHIP 3.3M 5% 1/10W |
| R501 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R502 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R503 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R504 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R505 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R506 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R507 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R508 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R509 | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W |
| R510 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R511 | 1-216-615-11 | s METAL, CHIP 33 0.5% 1/10W |
| R512 | 1-218-184-11 | s METAL, CHIP 997 0.1% 1/16W |
| R514 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R515 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R516 | 1-218-922-11 | s METAL, CHIP 3.26k 0.10% 1/16W |
| R517 | 1-216-604-11 | s METAL, CHIP 11 0.5% 1/10W |
| R518 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R519 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R520 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R521 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R522 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R523 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R524 | 1-216-295-91 | s RES, CHIP 0 |
| R525 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R526 | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W |
| R527 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R528 | 1-216-295-91 | s RES, CHIP 0 |
| R529 | 1-216-295-91 | s RES, CHIP 0 |
| R530 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R531 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R532 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R533 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R534 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R535 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R536 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R537 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R538 | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R539 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R540 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R541 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R542 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R543 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R544 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R545 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R546 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R547 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R548 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R549 | 1-216-295-91 | s RES, CHIP 0 |
| R550 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R551 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R552 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R553 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R554 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R555 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|---------------------------------|
| R556 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R557 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W |
| R558 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R559 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R560 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R561 | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R562 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R563 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R564 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R565 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R601 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R602 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R603 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R604 | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R605 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R606 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R607 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R608 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R609 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R610 | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W |
| R611 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R612 | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W |
| R613 | 1-218-184-11 | s METAL, CHIP 997 0.1% 1/16W |
| R614 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R615 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R617 | 1-218-922-11 | s METAL, CHIP 3.26k 0.10% 1/16W |
| R618 | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R619 | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R620 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R621 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R622 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R623 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R624 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R625 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R626 | 1-216-295-91 | s RES, CHIP 0 |
| R627 | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W |
| R628 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R629 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R630 | 1-216-295-91 | s RES, CHIP 0 |
| R631 | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W |
| R632 | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W |
| R633 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R634 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R635 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R636 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R637 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R638 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R639 | 1-216-644-11 | s METAL, CHIP 510 0.5% 1/10W |
| R640 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R641 | 1-216-644-11 | s METAL, CHIP 510 0.5% 1/10W |
| R642 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R643 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R644 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R645 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R646 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R647 | 1-216-049-00 | s METAL, CHIP 1k 5% 1/10W |
| R648 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R649 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R650 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |

(VRA-5 BOARD(UVW-1800))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|-------------------------------|
| R651 | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W |
| R652 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R653 | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W |
| R654 | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R655 | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R656 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R657 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R658 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R801 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R802 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R803 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R804 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R805 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R806 | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R807 | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W |
| R808 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R809 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R810 | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R811 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R812 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R813 | 1-216-025-00 | s METAL, CHIP 100 5% 1/10W |
| R814 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R815 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R816 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R817 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R818 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| RV101 | 1-241-760-21 | s RES, ADJ METAL 470 |
| RV102 | 1-241-760-21 | s RES, ADJ METAL 470 |
| RV103 | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV104 | 1-241-760-21 | s RES, ADJ METAL 470 |
| RV105 | 1-241-759-21 | s RES, ADJ METAL 220 |
| RV201 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV202 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV203 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV301 | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV302 | 1-241-785-11 | s RES, ADJ METAL 10k |
| RV303 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV304 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV305 | 1-241-784-11 | s RES, ADJ METAL 4.7k |
| RV306 | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV501 | 1-241-761-11 | s RES, ADJ METAL 1k |
| RV502 | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV503 | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV602 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV603 | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| S201 | 1-571-275-31 | s SWITCH, SLIDE |
| TH201 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| X301 | 1-527-722-00 | s CRYSTAL 14.31818MHz |
| X302 | 1-760-109-21 | s CRYSTAL 10.738635MHz |

AC BOARD/SOPS-1045(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

1pc **A**1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the AC board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of components parts on the board should be critical to safe operation.

| | | |
|-------|----------------|------------------------|
| 1pc | 1-533-217-31 s | HOLDER, FUSE |
| 1pc | 1-580-375-11 s | INLET 3P |
| 3pcs | 3-899-248-11 s | SCREW, +PSW M3x8 |
| 1pc | 7-682-961-01 s | SCREW, +PSW4x8 |
| C151 | 1-161-740-00 s | CERAMIC 470pF 10% 400V |
| C152 | 1-161-740-00 s | CERAMIC 470pF 10% 400V |
| C153 | 1-161-740-00 s | CERAMIC 470pF 10% 400V |
| C154 | 1-161-740-00 s | CERAMIC 470pF 10% 400V |
| C155 | 1-136-472-11 s | FILM 0.1uF 20% 250V |
| C155 | 1-136-212-12 s | FILM 0.1uF 20% 250V |
| C156 | 1-136-472-11 s | FILM 0.1uF 20% 250V |
| C156 | 1-136-212-12 s | FILM 0.1uF 20% 250V |
| CN151 | 1-564-215-11 o | PIN, CONNECTOR 4P |
| F151 | 1-532-746-11 s | FUSE 4A 125V |
| L151 | 1-424-353-11 s | FILTER, LINE |
| L152 | 1-424-255-11 s | COIL, CHOKE 10uH |
| L153 | 1-424-255-11 s | COIL, CHOKE 10uH |
| L203 | 1-406-953-11 s | COIL, CHOKE 30uH |
| R155 | 1-202-849-00 s | COMP 820k 1/2W 10% |
| VZ151 | 1-809-337-41 s | VARISTOR ENC471D-07AW |

M BOARD/SOPS-1045(UVW-1800/1600)

Ref. No.
or Q'ty Part No. SP Description

1pc **A**1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the M board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of components parts on the board should be critical to safe operation.

| | | |
|-------|----------------|---------------------------|
| 1pc | 1-543-060-00 s | BEAD, FERRITE |
| 1pc | 1-543-923-11 s | BEADS, FERRITE |
| C106 | 1-136-185-00 s | FILM 0.22uF 20% 250V |
| C107 | 1-161-742-00 s | CERAMIC 0.0022uF 20% 400V |
| C108 | 1-161-742-00 s | CERAMIC 0.0022uF 20% 400V |
| C113 | 1-125-715-11 s | ELECT 820uF 20% 200V |
| C114 | 1-136-206-11 s | FILM 0.033uF 10% 630V |
| C115 | 1-136-165-00 s | FILM 0.1uF 5% 50V |
| C116 | 1-124-478-11 s | ELECT 100uF 20% 25V |
| C117 | 1-124-477-11 s | ELECT 47uF 20% 25V |
| C118 | 1-130-487-00 s | MYLAR 0.022uF 5% 50V |
| C119 | 1-136-153-00 s | FILM 0.01uF 5% 50V |
| C120 | 1-130-048-00 s | FILM 220pF 5% 50V |
| C121 | 1-136-165-00 s | FILM 0.1uF 5% 50V |
| C122 | 1-124-927-11 s | ELECT 4.7uF 20% 100V |
| C123 | 1-161-742-00 s | CERAMIC 0.0022uF 20% 400V |
| C124 | 1-161-741-00 s | CERAMIC 1000pF 20% AC400V |
| C125 | 1-161-741-00 s | CERAMIC 1000pF 20% AC400V |
| C126 | 1-162-117-11 s | CERAMIC 100pF 10% 500V |
| C201 | 1-164-645-11 s | CERAMIC 1000pF 10% 500V |
| C202 | 1-164-645-11 s | CERAMIC 1000pF 10% 500V |
| C203 | 1-128-102-11 s | ELECT 1200uF 20% 16V |
| C204 | 1-128-585-11 s | ELECT 270uF 20% 16V |
| C206 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C207 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C208 | 1-128-102-11 s | ELECT 1200uF 20% 16V |
| C209 | 1-126-987-11 s | ELECT 220uF 20% 10V |
| C211 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C212 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C213 | 1-128-102-11 s | ELECT 1200uF 20% 16V |
| C214 | 1-126-987-11 s | ELECT 220uF 20% 10V |
| C215 | 1-136-165-00 s | FILM 0.1uF 5% 50V |
| C216 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C217 | 1-164-646-11 s | CERAMIC 2200pF 10% 500V |
| C218 | 1-128-102-11 s | ELECT 1200uF 20% 16V |
| C219 | 1-126-987-11 s | ELECT 220uF 20% 10V |
| C220 | 1-136-165-00 s | FILM 0.1uF 5% 50V |
| C221 | 1-164-645-11 s | CERAMIC 1000pF 10% 500V |
| C222 | 1-164-645-11 s | CERAMIC 1000pF 10% 500V |
| C223 | 1-128-102-11 s | ELECT 1200uF 20% 16V |
| C225 | 1-128-584-11 s | ELECT 120uF 20% 16V |
| C226 | 1-128-585-11 s | ELECT 270uF 20% 16V |
| C228 | 1-128-585-11 s | ELECT 270uF 20% 16V |
| C230 | 1-130-489-00 s | MYLAR 0.033uF 5% 50V |
| C231 | 1-136-169-00 s | MYLAR 0.22uF 5% 50V |
| C232 | 1-130-483-00 s | MYLAR 0.01uF 5% 50V |
| C233 | 1-136-157-00 s | FILM, CHIP 0.022uF 5% 50V |
| CN101 | 1-564-216-00 o | CONNECTOR, VH 5P, MALE |
| CN102 | 1-564-215-11 o | PIN, CONNECTOR 4P |
| CN103 | 1-564-321-00 o | CONNECTOR, VH 2P, MALE |
| CN201 | 1-564-932-11 o | CONNECTOR, 9P |

(M BOARD/SOPS-1045(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|------------------------------|
| D101 | 8-719-510-71 | s DIODE D10XB60 |
| D102 | 8-719-313-16 | s DIODE AU02A |
| D103 | 8-719-911-19 | s DIODE 1SS119 |
| D104 | 8-719-510-26 | s DIODE D1NL20 |
| D105 | 8-719-510-26 | s DIODE D1NL20 |
| D106 | 8-719-510-26 | s DIODE D1NL20 |
| D107 | 8-719-911-19 | s DIODE 1SS119 |
| D108 | 8-719-109-84 | s DIODE RD5.1ES-B1 |
| D109 | 8-719-911-19 | s DIODE 1SS119 |
| D110 | 8-719-109-89 | s DIODE RD5.6ES-B2 |
| D201 | 8-719-510-12 | s DIODE D10SC4M |
| D202 | 8-719-510-39 | s DIODE D10LC20U |
| D203 | 8-719-510-39 | s DIODE D10LC20U |
| D204 | 8-719-988-31 | s DIODE D10SC6MR |
| D205 | 8-719-025-11 | s DIODE D8LC20UR |
| D206 | 8-719-027-20 | s DIODE D3S4M-F |
| D208 | 8-719-911-19 | s DIODE 1SS119 |
| D209 | 8-719-109-88 | s DIODE RD5.6ES-B1 |
| D210 | 8-719-911-19 | s DIODE 1SS119 |
| D211 | 8-719-110-12 | s DIODE RD9.1ES-B1 |
| D213 | 8-719-110-42 | s DIODE RD15ES-B3 |
| D214 | 8-719-110-49 | s DIODE RD18ES-B2 |
| IC101 | 8-759-520-23 | s IC FA5304P |
| IC102 | 8-719-028-92 | s PHOTO-COUPLER PS2652-P-V |
| IC103 | 8-719-028-92 | s PHOTO-COUPLER PS2652-P-V |
| IC103 | 8-719-820-67 | s PHOTO-COUPLER TLP634GB-LF2 |
| IC201 | 8-759-604-69 | s IC M50460-052P |
| IC202 | 8-759-908-15 | s IC TL431CLP |
| L101 | 1-424-389-11 | s FILTER, LINE |
| L103 | 1-412-552-11 | s INDUCTOR 2.2mH |
| L201 | 1-406-929-11 | s COIL, CHOKE |
| L202 | 1-424-254-31 | s COIL, CHOKE 4.7UH |
| L204 | 1-424-255-11 | s COIL, CHOKE 10UH |
| L205 | 1-424-254-31 | s COIL, CHOKE 4.7UH |
| L206 | 1-424-255-11 | s COIL, CHOKE 10UH |
| L207 | 1-406-929-11 | s COIL, CHOKE |
| L208 | 1-424-255-11 | s COIL, CHOKE 10UH |
| Q101 | 8-729-321-75 | s TRANSISTOR 2SK1400A |
| Q201 | 8-729-900-80 | s TRANSISTOR DTC114ES |
| R102 | 1-217-785-11 | s WIREWOUND 15 5% 5W |
| R103 | 1-260-129-91 | s CARBON 330k 1/2W 5% |
| R104 | 1-215-902-11 | s METAL 47k 5% 2W |
| R105 | 1-215-902-11 | s METAL 47k 5% 2W |
| R106 | 1-215-902-11 | s METAL 47k 5% 2W |
| R107 | 1-249-404-00 | s CARBON 82 5% 1/4W |
| R108 | 1-249-394-11 | s CARBON 12 5% 1/4W |
| R109 | 1-249-441-11 | s CARBON 100k 5% 1/4W |
| R110 | 1-249-395-11 | s CARBON 15 5% 1/4W |
| R111 | 1-249-397-11 | s CARBON 22 5% 1/4W |
| R112 | 1-249-381-11 | s CARBON 1 5% 1/4W |
| R113 | 1-249-395-11 | s CARBON 15 5% 1/4W |
| R114 | 1-249-429-11 | s CARBON 10k 5% 1/4W |
| R115 | 1-249-421-11 | s CARBON 2.2k 5% 1/4W |
| R116 | 1-247-903-00 | s CARBON 1M 5% 1/4W |
| R117 | 1-215-902-11 | s METAL 47k 5% 2W |
| R118 | 1-249-436-11 | s CARBON 39k 5% 1/4W |
| R201-205 | 1-215-882-00 | s METAL 22 5% 2W |

(M BOARD/SOPS-1045(UVW-1800/1600))

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|--------------|--------------------------|
| R206 | 1-249-419-11 | s CARBON 1.5k 5% 1/4W |
| R209 | 1-215-429-00 | s METAL 2.2k 1% 1/6W |
| R210 | 1-215-433-00 | s METAL 3.3k 1% 1/6W |
| R212 | 1-249-413-11 | s CARBON 470 5% 1/4W |
| R213 | 1-249-405-11 | s CARBON 100 5% 1/4W |
| R214 | 1-249-433-11 | s CARBON 22k 5% 1/4W |
| RV201 | 1-237-500-21 | s RES, ADJ METAL 1k |
| RY101 | 1-515-864-11 | s RELAY |
| T101 | 1-423-874-11 | s TRANSFORMER, CONVERTER |
| T102 | 1-424-573-11 | s TRANSFORMER, CURRENT |

----- FRAME LIST -----

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-----------------------------------------------|
| 1pc | A-8260-972-A | s DRUM ASSY, DBH-39A-R (for UVW-1800) |
| 1pc | A-8260-973-A | s UPPER DRUM ASSY, DBR-39-R (for UVW-1800) |
| 1pc | A-8260-976-A | s DRUM ASSY, DBH-41A-R (for UVW-1600) |
| 1pc | A-8260-977-A | s UPPER DRUM ASSY, DBR-41-R (for UVW-1600) |
| 1pc | A1-413-889-11 | s REGULATOR, SWITCHING (SOPS-1045) |
| 1pc | 1-690-106-12 | s WIRE, FLEXIBLE CARD 5P |
| 1pc | A1-810-374-11 | s UNIT, FLD |
| 1pc | 1-810-381-11 | s SENSOR, CONDENSATION |
| H1001 | 8-825-778-81 | s HEAD, EPS244-2103H |
| H1002 | 8-825-554-83 | s HEAD, CTL PS244-21B |
| H1003 | 8-825-770-72 | s HEAD, FE EF291-21 |
| L1001 | 1-543-316-31 | s HEAD, SENSING "TAPE END SENSOR" |
| L1002 | 1-543-316-31 | s HEAD, SENSING "TAPE TOP SENSOR" |
| M1001 | 1-698-152-11 | s MOTOR, DC (SVD-1449) "THREADING" |
| M1002 | 1-698-152-11 | s MOTOR, DC (SVD-1449) "CASSETTE" |
| M1003 | 1-698-231-11 | s MOTOR, DC "S-REEL" |
| M1004 | 1-698-231-11 | s MOTOR, DC "S-REEL" |
| M1005 | 1-698-179-11 | s MOTOR, DC "CAPSTAN" |
| M1006 | 1-698-152-11 | s MOTOR, DC (SVD-1449) "POSITION" |
| PM1001 | 1-454-338-00 | s SOLENOID "PINCH" |
| PM1002 | 1-454-417-41 | s SOLENOID "S-BRAKE" |
| PM1003 | 1-454-417-41 | s SOLENOID "T-BRAKE" |
| S1001 | A1-570-117-31 | s SWITCH, ROCKER "AC POWER" |

----- FRAME, HARNESS, CONNECTOR & CONTACT LIST -----

| Ref. No. or Q'ty | Part No. | SP Description |
|------------------------------------|--------------|----------------------------|
| to ACE ASSY | | |
| CN921F (for UVW-1800 only) | | |
| | 1-565-978-11 | o HOUSING 6P |
| 6pcs | 1-565-977-11 | s CONTACT, FEMALE AWG28-32 |
| CN922F | | |
| | 1-568-819-11 | o HOUSING 9P |
| 9pcs | 1-565-977-11 | s CONTACT, FEMALE AWG28-32 |
| to AP-31/31A board | | |
| AP-31: UVW-1800 | | |
| AP-31A: UVW-1600 | | |
| CN1F | | |
| | 1-569-196-41 | o HOUSING 3P |
| 1pc | 1-569-191-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs | 1-569-193-11 | o CONTACT, FEMALE |
| CN2F | | |
| | 1-569-196-31 | o HOUSING 3P |
| 1pc | 1-569-191-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs | 1-569-193-11 | o CONTACT, FEMALE |
| CN3F | | |
| | 1-569-196-11 | o HOUSING 3P |
| 1pc | 1-569-191-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs | 1-569-193-11 | o CONTACT, FEMALE |
| to AR-14 board (for UVW-1800 only) | | |
| CN1F | | |
| | 1-569-202-11 | o HOUSING 9P |
| 3pcs | 1-569-191-11 | o CONTACT, FEMALE AWG22-26 |
| 6pcs | 1-569-193-11 | o CONTACT, FEMALE |
| to AUDIO LEVEL METER | | |
| CN1F | | |
| | 1-559-586-11 | o WIRE, FLEXIBLE CARD 20P |
| CN2F | 1-559-586-11 | o WIRE, FLEXIBLE CARD 20P |
| to CAPSTAN MOTOR CONTROL BLOCK | | |
| CN8F | | |
| | 1-562-153-11 | o HOUSING 8P |
| 8pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| to CASSETTE | | |
| CN930F | | |
| | 1-562-157-11 | o HOUSING 12P |
| 12pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| to CP-225/225A board | | |
| CP-225: UVW-1800 | | |
| CP-225A: UVW-1600 | | |
| CN651F | | |
| | 1-562-149-11 | o HOUSING 4P |
| 4pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN652F | | |
| | 1-562-152-11 | o HOUSING 7P |
| 7pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN653F | | |
| | 1-562-151-11 | o HOUSING 6P |
| 6pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN654F | | |
| | 1-562-157-11 | o HOUSING 12P |
| 12pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN655F | | |
| | 1-562-185-11 | o HOUSING 14P |
| 14pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN656F | | |
| | 1-562-147-11 | o HOUSING 2P |
| 2pcs | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------------|----------------|--------------------------|
| to CP-226/226A board | | |
| | CP-226: | UVW-1800 |
| | CP-226A: | UVW-1600 |
| CN274F 7pcs | 1-562-152-11 o | HOUSING 7P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN275F 6pcs | 1-562-151-11 o | HOUSING 6P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN276F 2pcs | 1-562-147-11 o | HOUSING 2P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| to CP-237/237A board | | |
| | CP-237: | UVW-1800 |
| | CP-237A: | UVW-1600 |
| CN532F | 1-575-733-11 s | CABLE, FLAT 17P |
| to DR-214 board | | |
| CN301F | 1-558-261-31 s | WIRE, FLEXIBLE CARD 30P |
| CN302F | 1-558-261-31 s | WIRE, FLEXIBLE CARD 30P |
| CN303F | 1-558-261-31 s | WIRE, FLEXIBLE CARD 30P |
| to DRUM ASSY | | |
| CN1F 15pcs | 1-580-938-11 o | HOUSING 15P |
| | 1-565-740-11 o | CONTACT, FEMALE AWG24-30 |
| CN901F(for UVW-1800 only) | | |
| | 1-565-978-11 o | HOUSING 6P |
| 6pcs | 1-565-977-11 s | CONTACT, FEMALE AWG28-32 |
| CN911F 2pcs | 1-569-199-11 o | HOUSING CONNECTOR 6P |
| | 1-569-192-11 o | CONTACT, FEMALE AWG22-26 |
| 4pcs | 1-569-194-11 o | CONTACT, FEMALE AWG24-30 |
| CN912F 2pcs | 1-569-199-31 o | HOUSING 6P |
| | 1-569-192-11 o | CONTACT, FEMALE AWG22-26 |
| 4pcs | 1-569-194-11 o | CONTACT, FEMALE AWG24-30 |
| to DUS-355 board | | |
| CN934F 2pcs | 1-569-195-11 s | HOUSING 2P |
| | 1-569-193-11 o | CONTACT, FEMALE |
| to HP-61/61A board | | |
| | HP-61: | UVW-1800 |
| | HP-61A: | UVW-1600 |
| CN401F 10pcs | 1-562-155-11 o | HOUSING 10P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN403F 3pcs | 1-562-148-11 o | HOUSING 3P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| to KY-249/249A board | | |
| | KY-249: | UVW-1800 |
| | KY-249A: | UVW-1600 |
| CN590F 15pcs | 1-562-958-11 o | HOUSING 15P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN591F | 1-559-586-11 o | WIRE, FLEXIBLE CARD 20P |
| CN592F 4pcs | 1-562-149-11 o | HOUSING 4P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN593F | 1-559-586-11 o | WIRE, FLEXIBLE CARD 20P |

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------------|----------------|--------------------------|
| to MB-470/470A board | | |
| | MB-470: | UVW-1800 |
| | MB-470A: | UVW-1600 |
| CN200F 9pcs | 1-562-800-11 o | HOUSING 9P |
| | 1-562-210-11 o | CONTACT, FEMALE AWG18-22 |
| CN201F 9pcs | 1-562-511-11 o | HOUSING 9P |
| | 1-562-490-11 o | CONTACT, FEMALE AWG22-28 |
| CN211F 12pcs | 1-562-157-11 o | HOUSING 12P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN231F | 1-751-632-11 s | WIRE, FLEXIBLE CARD 34P |
| CN232F | 1-575-733-11 s | CABLE, FLAT 17P |
| CN235F 3pcs | 1-562-148-11 o | HOUSING 3P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN262F 15pcs | 1-562-958-11 o | HOUSING 15P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN266F 4pcs | 1-562-149-11 o | HOUSING 4P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN267F 7pcs | 1-562-152-11 o | HOUSING 7P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN268F 14pcs | 1-562-185-11 o | HOUSING 14P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN269F 6pcs | 1-562-151-11 o | HOUSING 6P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN271F 12pcs | 1-562-157-11 o | HOUSING 12P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| to MB-471/471A board | | |
| | MB-471: | UVW-1800 |
| | MB-471A: | UVW-1600 |
| CN251F 9pcs | 1-562-508-11 o | HOUSING 6P |
| | 1-562-490-11 o | CONTACT, FEMALE AWG22-28 |
| CN261F 12pcs | 1-562-157-11 o | HOUSING 12P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN264F(for UVW-1800 only) | | |
| | 1-569-200-31 o | HOUSING 7P |
| 2pcs | 1-569-191-11 o | CONTACT, FEMALE AWG22-26 |
| 4pcs | 1-569-193-11 o | CONTACT, FEMALE |
| CN265F(for UVW-1800 only) | | |
| | 1-562-148-11 o | HOUSING 3P |
| 3pcs | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN274F 7pcs | 1-562-152-11 o | HOUSING 7P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN275F 6pcs | 1-562-151-11 o | HOUSING 6P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN276F(for UVW-1800 only) | | |
| | 1-562-151-11 o | HOUSING 6P |
| 6pcs | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN277F 4pcs | 1-562-149-11 o | HOUSING 4P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN278F 10pcs | 1-562-155-11 o | HOUSING 10P |
| | 1-564-026-00 o | CONTACT, FEMALE AWG26-30 |
| CN281F(for UVW-1800 only) | | |
| | 1-751-632-11 s | WIRE, FLEXIBLE CARD 34P |

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No.
or Q'ty Part No. SP Description

to MS-39/39A board

MS-39: UVW-1800
MS-39A: UVW-1600

CN350F 1-562-157-11 o HOUSING 12P
12pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN351F 1-562-149-11 o HOUSING 4P
4pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN352F 1-569-195-11 s HOUSING 2P
2pcs 1-569-193-11 o CONTACT, FEMALE

CN353F 1-562-152-11 o HOUSING 7P
7pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN354F 1-569-208-11 o HOUSING 15P
15pcs 1-569-193-11 o CONTACT, FEMALE

CN355F 1-562-153-11 o HOUSING 8P
8pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN356F 1-751-633-11 s WIRE, FLEXIBLE CARD 13P
CN357F 1-751-634-11 s WIRE, FLEXIBLE CARD 13P

CN358F 1-562-151-11 o HOUSING 6P
6pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN359F 1-562-149-11 o HOUSING 4P
4pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN360F 1-569-197-11 o HOUSING 4P
4pcs 1-569-193-11 o CONTACT, FEMALE

CN361F 1-569-196-11 o HOUSING 3P
1pc 1-569-191-11 o CONTACT, FEMALE AWG22-26
2pcs 1-569-193-11 o CONTACT, FEMALE

CN362F 1-558-261-31 s WIRE, FLEXIBLE CARD 30P
CN363F 1-558-261-31 s WIRE, FLEXIBLE CARD 30P
CN364F 1-558-261-31 s WIRE, FLEXIBLE CARD 30P

to PD-35 board

CN851F 1-562-147-11 o HOUSING 2P
2pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN854F 1-562-151-11 o HOUSING 6P
6pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

to PTC-66 board

CN944F 1-562-149-11 o HOUSING 4P
4pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

to PTC-67 board

CN941F 1-562-152-11 o HOUSING 7P
7pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

CN942F 1-569-195-21 o HOUSING 2P
2pcs 1-569-193-11 o CONTACT, FEMALE

CN943F 1-562-147-11 o HOUSING 2P
2pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

to PTC-68 board

CN940F 1-562-149-11 o HOUSING 4P
4pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

(FRAME, HARNESS, CONNECTOR & CONTACT LIST)

Ref. No.
or Q'ty Part No. SP Description

to RM-126 board

CN946F 1-751-633-12 s WIRE, FLEXIBLE CARD 13P

CN947F 1-569-197-11 o HOUSING 4P
4pcs 1-569-193-11 o CONTACT, FEMALE

to RM-127 board

CN951F 1-751-634-12 s WIRE, FLEXIBLE CARD 13P

CN952F 1-569-197-11 o HOUSING 4P
4pcs 1-569-193-11 o CONTACT, FEMALE

to RP-70/70A board

RP-70: UVW-1800
RP-70A: UVW-1600

CN1F 1-569-196-11 o HOUSING 3P
1pc 1-569-192-11 o CONTACT, FEMALE AWG22-26
2pcs 1-569-194-11 o CONTACT, FEMALE AWG24-30

CN101F 1-569-196-31 o HOUSING 3P
1pc 1-569-192-11 o CONTACT, FEMALE AWG22-26
2pcs 1-569-194-11 o CONTACT, FEMALE AWG24-30

CN201F 1-569-196-41 o HOUSING 3P
1pc 1-569-192-11 o CONTACT, FEMALE AWG22-26
2pcs 1-569-194-11 o CONTACT, FEMALE AWG24-30

CN301F 1-569-196-21 o HOUSING 3P
1pc 1-569-192-11 o CONTACT, FEMALE AWG22-26
2pcs 1-569-194-11 o CONTACT, FEMALE AWG24-30

to SE-207 board

CN950F 1-569-619-11 o HOUSING 4P
4pcs 1-565-977-11 s CONTACT, FEMALE AWG28-32

to SWITCHING REGULATOR

CN1F Δ 1-562-800-11 o HOUSING 9P
9pcs Δ 1-562-210-11 o CONTACT, FEMALE AWG18-22

CN101F 1-562-286-11 o HOUSING 5P
2pcs 1-562-210-11 o CONTACT, FEMALE AWG18-22

CN151F 1-562-285-11 o HOUSING 4P
2pcs 1-562-210-11 o CONTACT, FEMALE AWG18-22

to TAPE END SENSOR

CN938F 1-562-147-11 o HOUSING 2P
2pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

to TAPE TOP SENSOR

CN939F 1-562-147-11 o HOUSING 2P
2pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

to TR-84 board

CN945F 1-569-619-11 o HOUSING 4P
4pcs 1-565-977-11 s CONTACT, FEMALE AWG28-32

to VR-155 board (for UVW-1800 only)

CN402F 1-562-151-11 o HOUSING 6P
6pcs 1-564-026-00 o CONTACT, FEMALE AWG26-30

18-4. PACKING MATERIALS & ACCESSORIES

| Ref. No. or Q'ty | Part No. | SP Description |
|---------------------|---------------|-----------------------------------------|
| 1pc | ▲1-551-812-11 | s CORD, POWER 3P (for UC) |
| 1pc | ▲1-557-161-11 | s CORD, POWER 2P (for J) |
| 1pc | 1-751-019-81 | o CABLE, D-SUB 9P(RCC5G) 5m |
| 1pc | 3-182-362-01 | o SPACER |
| 1pc | 3-182-442-01 | o CUSHION (BOTTOM) |
| 1pc | 3-182-443-01 | o CUSHION (TOP) |
| 1pc | 3-182-233-01 | o INDIVIDUAL CARTON(for UVW-1600) |
| 1pc | 3-182-444-01 | o INDIVIDUAL CARTON(for UVW-1800) |
| 1pc | 3-701-648-00 | s BAG, POLYETHYLENE |
| 1pc | 3-757-560-01 | s MANUAL, INSTRUCTION(for UVW-1600(J)) |
| 1pc | ▲3-757-560-21 | s MANUAL, INSTRUCTION(for UVW-1600(UC)) |
| 1pc | 3-757-561-01 | s MANUAL, INSTRUCTION(for UVW-1800(J)) |
| 1pc | ▲3-757-561-21 | s MANUAL, INSTRUCTION(for UVW-1800(UC)) |
| 1pc | 3-795-581-21 | o SAFEGUARD (SONY), IMPORTANT(for UC) |

18-5. OPTIONAL FIXTURES

| Part No. | SP Description |
|-------------------|--------------------------------------------|
| J-6001-820-A | o DRUM ECCENTRICITY GAUGE (3) |
| J-6001-830-A | o DRUM ECCENTRICITY GAUGE (2) |
| J-6001-840-A | o DRUM ECCENTRICITY GAUGE (1) |
| or | |
| J-6325-530-A | o DRUM ECCENTRICITY GAUGE (6) |
| J-6031-820-A | o MULTI CONNECTOR CABLE (DIBNC) |
| J-6031-830-A | o MULTI CONNECTOR CABLE (DOBNC) |
| J-6080-029-A | o ADJUSTMENT MIRROR |
| J-6087-000-A | o DRUM ECCENTRICITY GAUGE (5) |
| J-6150-960-A | o REEL MOTOR SHAFT SLANTNESS CHECK FIXTURE |
| J-6152-450-A | o WIRE CLEARANCE GAUGE |
| J-6320-680-A | o REEL TABLE HEIGHT GAUGE |
| J-6320-880-A | o CASSETTE BASE PLATE (L) |
| J-6321-500-A | o TAPE GUIDE ADJUSTMENT DRIVER |
| J-6332-780-A | o EXTENSION BOARD, EX-278 |
| J-6332-790-A | o EXTENSION BOARD, EX-279 |
| J-6381-380-A | o S CONNECTOR CABLE, EW703 |
| 2-034-697-00 | o CLEANING PIECE |
| 3-703-360-09 | o PARALLEL PIN (3x32) |
| 7-661-018-18 | o OIL |
| 7-662-010-04 | o GREASE, SGL-505 (20 g) |
| 7-700-736-01 | o L-SHAPED HEXAGONAL WRENCH (d:1.27 mm) |
| 7-700-736-05 | o L-SHAPED HEXAGONAL WRENCH (d:1.5 mm) |
| 7-700-736-06 | o L-SHAPED HEXAGONAL WRENCH (d:0.89 mm) |
| 8-960-096-01 | o ALIGNMENT TAPE, CR2-1B |
| 8-960-096-41 | o ALIGNMENT TAPE, CR5-1B |
| 8-960-097-45 | o ALIGNMENT TAPE, CR8-1A |
| 9-911-053-00 | o THICKNESS GAUGE |
| 9-919-573-01 | o CLEANING FLUID |
| STANDARD PRODUCTS | TENTEL METER (T2-H7-SLC) |

